

**INFORMATION SOCIETIES TECHNOLOGY  
(IST)  
PROGRAMME**



**D.1.1.2: EuropePKI 2<sup>nd</sup> Management Report**  
Period November 1<sup>st</sup>, 2002– March 31<sup>st</sup>, 2003

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## 0 Table of Contents

|          |   |           |
|----------|---|-----------|
| <b>0</b> | <b>TABLE OF CONTENTS.....</b>                               | <b>2</b>  |
| <b>1</b> | <b>EUPKI OVERVIEW .....</b>                                 | <b>4</b>  |
| 1.1      | EXECUTIVE SUMMARY BY WORK PACKAGE .....                     | 4         |
| 1.1.1    | <i>WP1: Management.....</i>                                 | 4         |
| 1.1.2    | <i>WP2: Dissemination - Exploitation .....</i>              | 6         |
| 1.1.3    | <i>WP3: Requirements.....</i>                               | 6         |
| 1.1.4    | <i>WP4: Design &amp; Specifications.....</i>                | 7         |
| 1.1.5    | <i>WP5: Implementation .....</i>                            | 7         |
| 1.1.6    | <i>WP6: Integration.....</i>                                | 9         |
| 1.1.7    | <i>WP7: Demonstration.....</i>                              | 9         |
| 1.1.8    | <i>WP8: Guidelines for Security &amp; Homologation.....</i> | 10        |
| 1.2      | OVERALL ASSESSMENT & PROJECT OBJECTIVES .....               | 11        |
| 1.3      | LIST OF TECHNICAL MEETINGS.....                             | 11        |
| 1.4      | LIST OF DISSEMINATION INITIATIVES .....                     | 12        |
| <b>2</b> | <b>HUMAN RESSOURCES ALLOCATION REPORT.....</b>              | <b>13</b> |
| 2.1      | GIP-MDS .....   | 13        |
| 2.1.1    | <i>Work accomplished this period.....</i>                   | 13        |
| 2.1.2    | <i>Deliverables due this period .....</i>                   | 14        |
| 2.1.3    | <i>Effort for this Reporting Period .....</i>               | 15        |
| 2.2      | ACTIMAGE .....  | 16        |
| 2.2.1    | <i>Work accomplished this period.....</i>                   | 16        |
| 2.2.2    | <i>Deliverables due this period .....</i>                   | 17        |
| 2.2.3    | <i>Effort for this Reporting Period .....</i>               | 17        |
| 2.3      | SALAMANDRE.....   | 18        |
| 2.3.1    | <i>Work accomplished this period.....</i>                   | 18        |
| 2.3.2    | <i>Deliverables due this period .....</i>                   | 19        |
| 2.3.3    | <i>Effort for this Reporting Period .....</i>               | 19        |
| 2.4      | AQL .....   | 20        |
| 2.4.1    | <i>Work accomplished this period.....</i>                   | 20        |
| 2.4.2    | <i>Deliverables due this period .....</i>                   | 22        |
| 2.4.3    | <i>Effort for this Reporting Period .....</i>               | 23        |
| 2.5      | AXETEL .....  | 24        |
| 2.5.1    | <i>Work accomplished this period.....</i>                   | 24        |
| 2.5.2    | <i>Deliverables due this period .....</i>                   | 25        |
| 2.5.3    | <i>Effort for this Reporting Period .....</i>               | 26        |
| 2.6      | CERTINOMIS .....  | 28        |
| 2.6.1    | <i>Work accomplished this period.....</i>                   | 28        |
| 2.6.2    | <i>Deliverables due this period .....</i>                   | 29        |
| 2.6.3    | <i>Effort for this Reporting Period .....</i>               | 30        |
| 2.7      | INTESA .....  | 31        |
| 2.7.1    | <i>Work accomplished this period.....</i>                   | 31        |
| 2.7.2    | <i>Deliverables due this period .....</i>                   | 32        |
| 2.7.3    | <i>Effort for this Reporting Period .....</i>               | 33        |
| 2.8      | CGE&Y.....  | 34        |
| 2.8.1    | <i>Work accomplished this period.....</i>                   | 34        |
| 2.8.2    | <i>Deliverables due this period .....</i>                   | 35        |
| 2.8.3    | <i>Effort for this Reporting Period .....</i>               | 36        |
| 2.9      | EDF .....   | 37        |
| 2.9.1    | <i>Work accomplished this period.....</i>                   | 37        |

|          |  |           |
|----------|--|-----------|
| 2.9.2    | <i>Deliverables due this period</i> .....  | 38        |
| 2.9.3    | <i>Effort for this Reporting Period</i> .....                                      | 39        |
| 2.10     | FT R&D .....   | 40        |
| 2.10.1   | <i>Work accomplished this period</i> .....   | 40        |
| 2.10.2   | <i>Deliverables due this period</i> .....  | 41        |
| 2.10.3   | <i>Effort for this Reporting Period</i> .....                                      | 42        |
| 2.11     | FINSIEL .....  | 43        |
| 2.11.1   | <i>Work accomplished this period</i> .....   | 43        |
| 2.11.2   | <i>Deliverables due this period</i> .....  | 44        |
| 2.11.3   | <i>Effort for this Reporting Period</i> .....                                      | 44        |
| 2.12     | INPS .....   | 45        |
| 2.12.1   | <i>Work accomplished this period</i> .....   | 45        |
| 2.12.2   | <i>Deliverables due this period</i> .....  | 45        |
| 2.12.3   | <i>Effort for this Reporting Period</i> .....                                      | 46        |
| 2.13     | GIESECKE & DEVRIENT .....  | 47        |
| 2.13.1   | <i>Work accomplished this period</i> .....   | 47        |
| 2.13.2   | <i>Deliverables due this period</i> .....  | 49        |
| 2.13.3   | <i>Effort for this Reporting Period (15. October 2002 to 31. March 2003)</i> ..... | 50        |
| 2.14     | ON-X .....   | 51        |
| 2.14.1   | <i>Work accomplished this period</i> .....   | 51        |
| 2.14.2   | <i>Deliverables due this period</i> .....  | 53        |
| 2.14.3   | <i>Effort for this Reporting Period</i> .....                                      | 54        |
| 2.15     | EADS-TELECOM .....   | 55        |
| 2.15.1   | <i>Work accomplished this period</i> .....   | 55        |
| 2.15.2   | <i>Deliverables due this period</i> .....  | 56        |
| 2.15.3   | <i>Effort for this Reporting Period</i> .....                                      | 57        |
| <b>3</b> | <b>MANAGEMENT OVERVIEW</b> .....   | <b>58</b> |
| 3.1      | ISSUES ENCOUNTERED DURING THIS PERIOD AND SOLUTIONS .....                          | 58        |
| 3.1.1    | <i>Review Meeting: Action Plan</i> .....   | 58        |
| 3.1.2    | <i>Consortium Agreement</i> .....  | 58        |
| 3.1.3    | <i>Change of the dissemination name</i> .....                                      | 59        |
| 3.2      | MANAGEMENT AND COST REPORTS .....  | 59        |
| 3.3      | GLOBAL COORDINATION AND REPORTING EFFORT TO THE EUROPEAN COMMISSION .....          | 59        |
| <b>4</b> | <b>ACTION PLANS FOR THE CONTINUATION OF THE PROJECT</b> .....                      | <b>60</b> |
| <b>5</b> | <b>CONCLUSIONS</b> .....   | <b>60</b> |

## **1 EuPKI Overview**

### **1.1 Executive Summary by Work Package**

#### **1.1.1 WP1: Management**

The first major step involving mainly WP1 was the preparation and coordination of the first Review Meeting of the project. This Review Meeting occurred in Brussels, December the 3<sup>rd</sup>. It aimed at making the point upon several aspects: quality of the deliverables, management issues, technical expertise, achievements of our objectives, stick to the Work Plan, etc...

The Three mandated experts by the European Commission produced one Review Meeting report describing our assets and weaknesses. Globally, it appeared we were in a good turn and should focus our efforts on some points:

- The fact that we decided to develop from scratch (no re-use of pre-existing modules except for Bouncy Castle, Apache and the usual development tools) is in favour of the ask for a longer duration for the project. WP1 has been mandated by the consortium to ask for the corresponding Hard Amendment to the contract and was still working on it at the time of redaction of this document.
- We should involve the Open Source Community as soon as possible, by, between other means, opening the access to the source code for potential contributors. One other point is to strengthen our dissemination initiatives to make as many open source communities as possible aware of our progress (typically one global review of the website would be a good point).
- One annex to the last release of the Description of Work (Annex I of the contract, currently in release 4) is recommended to have a concrete Work Plan (new planning, new organisation, etc...).

These recommendations have been the object of a serious analysis by the whole consortium in order to comply with the EC and its expert's expectations. Indeed, one action plan has been drafted in accordance with the Review Meeting's minutes and the propositions of the different members. We are still working on it.

The second major point of the WP1 activities was a conflict resolution. Indeed, it appeared one member would not comply with the resolutions voted during several Steering Boards, on an intellectual property point.

WP1 was mandated by the consortium to find an alternative to this issue. The proposition voted during one extra Steering Board on 3<sup>rd</sup> of December 2002 was to transfer this conflict intellectual property to GIP-MDS or, if neither possible nor agreed, to proceed to the change of name of the project's deliverables and dissemination tools.

The second position was adopted in conformance with what was voted during the Steering Board of 7<sup>th</sup> of September.

After some threats for the continuation of the project, the issue has finally been resolved, with a latency of approximately three weeks.

To avoid any further issue and loss of time on such matters, the consortium voted the redaction of a Consortium Agreement, which will be ratified by any member and insure the respect and the share of the pre-existing know-how.

Globally, WP1 achieved to make the project go on its planned workload, with a regular checking of Cost Reports.

It continued to ensure the global coordination and communication inside the consortium, by setting up regular Steering Committees, by producing reports to any meeting, by making the point with members to ensure their involvement in the project.

### **1.1.2 WP2: Dissemination - Exploitation**

WP2 set up many dissemination initiatives around the world.

Mainly, we found four events in Luxembourg (BGL, CLUSSIL, CETREL, Ministry of Economics and Computer delegation of the Government), one event in France, one in Washington DC (USA).

Following the Review Meeting's recommendations, in accordance with the resolution of the Steering Board to change the name of the Dissemination tools, WP2 totally reviewed the public website, with new tools, new chapters, new graphic charter and dedicated forums to encourage exchange with the Open Source Communities.

Parallel to this task, WP2 developed associated dissemination tools: visiting cards, CDs, posters, etc...

At the time of redaction of this document, WP2 was setting up a new extranet.

WP2 has delivered two more deliverables: D.2.2.1: "Dissemination Report 1" and D.2.3.1: "Exploitation Report 1".

### **1.1.3 WP3: Requirements**

WP3 did act very little during this period, since their job is mainly over. However they added one section to the last WP3 deliverable D.3.6 ("Project's requirements and perimeter"), called "European legal aspects for digital signature".

This annex was approved and adopted "a posteriori" for an addendum to the document.

### **1.1.4 WP4: Design & Specifications**

WP4 concluded his work by producing the two interfaces design documents (internal and external): D.4.2: "Design of the external interfaces" & D.4.3: "Design of the internal interfaces".

These documents have been validated by the consortium and finally ended WP4 intervention.

WP4 main task became then to help WP5 for the transition meaning the redaction of detailed specifications ready for implementation.

### **1.1.5 WP5: Implementation**

The WP5: "Implementation", led by AXETEL, has been kicked off during the Second Steering Meeting.

This Work Package was the focus point of the activity of the project.

WP5 produced three non-official deliverables (internal = not to be validated) to qualify the way it should produce the modules. Inside were stated the delivery planning, the technologies they base the development on, the detailed "ready-to-implement" specifications.

They set up one CVS server for the internal production.

The Technical Board adopted the following CVS workflows:

The process of delivery of modules (mostly from WP5 to WP6) is the following one:

- When one group of modules is considered as unit tested by Axetel, Axetel notifies Actimage by mail and indicates the list of concerned modules on its CVS 0 server.
- Actimage, then, gets the modules concerned on the CVS 0 and puts them on the CVS 1 server it is hosting, and notifies the consortium (and obviously WP6).
- EADS and ON-X, as WP6 integrators, get those modules on CVS 1 in order to process them. The WP6 outputs (EuropePKI labeled modules) are put on the CVS 2 server by themselves. WP6, then, inform the consortium of the availability.

At the time of redaction of this document, the first two deliveries of modules had been made to WP6:

- First delivery:

1. Product tree and build system
2. The following CSP modules:
  - a. CSP-1, CSP API
  - b. CSP-2 Certificate Signer
  - c. CSP-4 Crypto Engine
3. Test cases. The tests have to be run individually as described in tests' README file until they will be integrated in a suite.

- Second delivery:

1. Module RA-4 DB
  - /ra/src/main/org/eupki/ra/domain
  - /ra/src/main/org/eupki/ra/interfaces
2. Module CA-14 DB
  - /ca/src/main/org/eupki/ca/domain
  - /ca/src/main/org/eupki/ca/interfaces
3. Module RA-3 Log
  - /common/src/main/org/eupki/common/logging
  - /ra/src/main/org/eupki/ra/logging
4. CA-16 LDAP Publisher
  - /ca/src/main/org/eupki/ca/ldap
5. KGS-26 Key Pair Factory
  - /crypto/src/main/org/eupki/crypto
6. Unit tests for each module available on Test subdirectories for each module.

To avoid any further conflict on the point of the Intellectual Property statements, the consortium adopted the following header presented in every delivered module:

```
*****  
Copyright © Axetel 2003  
All rights reserved
```

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EuropePKI is dual licensed: L-GPL & MPL. For more information, please report to:

<http://www.mozilla.org/MPL/MPL-1.1.html>

<http://www.gnu.org/copyleft/lesser.html>.

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Information on the project's actors and the product can be found at: <http://www.europepki.org/>

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### **1.1.6 WP6: Integration**

The WP6 main task was to prepare all the integration tools, the CVS 2 server and any related software.

At the very end of the period covered by this report, the integration process started.

### **1.1.7 WP7: Demonstration**

WP7 has been involved in the meetings to cover the preparation of WP7.

### **1.1.8 WP8: Guidelines for Security & Homologation**

WP8 has produced two deliverables, D.8.2: "Components subject to evaluation" & D.8.3: "Remarks and questions report 1". These deliverables have been validated by the consortium. WP8 maintained his role to give an homologation framework to all the production of the consortium, by a regular involvement into expertise points on some tasks.

In conclusion, the Technical Assessments of the consortium have not failed to our objectives.

## **1.2 Overall Assessment & Project Objectives**

Generally speaking, the collaboration of the different Work Packages has highlighted the interest and implication of all the members.

The first major conflict in the project led to gather our energies to find a solution as quick as possible. Finally, latency has been assumed of above three weeks. The consortium will make its possible to cancel this gap by shorting the delay of integration.

## **1.3 List of Technical Meetings**

- Concerning the general Dissemination, Technical and Steering Boards Meetings:
  - 3<sup>rd</sup> Steering Board Meeting in Paris, at GIP-MDS: 26<sup>th</sup> & 27<sup>th</sup> of November 2002
  - 4<sup>th</sup> Steering Board Meeting in Paris, at GIP-MDS: 27<sup>th</sup> & 28<sup>th</sup> of March 2003
  - Extra Steering Board Meeting in Paris, at GIP-MDS: 7<sup>th</sup> of March 2003
  
- Concerning internal WP5 meetings:
  - Kick Off Meeting in Bucharest, at Axetel: 13<sup>th</sup> of January 2003
  
- Concerning the points upon the project's achievements with the EC:
  - One Review Meeting in Brussels: 3<sup>rd</sup> of December 2003
  - Regular Phone points

#### **1.4 List of Dissemination initiatives**

- Dissemination events:
  - Ministry of Economics, Luxembourg, 20<sup>th</sup> of January: presentation made by Sebastien MISSENARD from ACTIMAGE.
  - Center of Computer resources for the Government, Luxembourg, 28<sup>th</sup> of January: presentation made by Guillaume DREYER from ACTIMAGE.
  - EGovOS conference at Washington DC, USA: 18<sup>th</sup> of March 2003: presentation made by Yann FRAVAL, Vincent GASS from GIP-MDS and Christophe MEGEL from ACTIMAGE.
  - Banque Générale du Luxembourg, Luxembourg: 27<sup>th</sup> of March 2003 : presentation by Christelle AUDIBERT from ACTIMAGE.
  
- Publications:
  - One meeting report about the presentation in the ATICA.
  - Publication of the deliverables on the website.
  - One article in "Le Monde Informatique", dated from December 2002.

## 2 Human resources allocation Report

### 2.1 GIP-MDS

|  |                            |
|--|----------------------------|
| <b>Partner:</b> GIP-MDS                          | <b>Author:</b> Yann FRAVAL |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 05/04/2003    |

#### 2.1.1 Work accomplished this period

| WP/ Task   | Actions   |
|------------|---|
| <b>WP1</b> | <b>Project Management</b>   |
| T1-1       | Project Management :<br>-General coordination of the consortium<br>-Organisation and animation of the Steering Board<br>-Organisation of the meetings<br>-Review Meeting implementation<br>-Validation of the deliverables<br>-Production of Management Report, Cost Reports<br>-Reporting to the European Commission<br>-Conflict Resolution<br>-Legal advisory<br>-Production of the Consortium Agreement |
| T1-2       | Technical Management<br>-Supervision of the overall technical management<br>-Technical State-of-the-Art survey<br>-Validation of the deliverables of the consortium   |
| T1-3       | Quality Management<br>-Furnitures of templates and guidelines   |
| <b>WP2</b> | <b>Dissemination &amp; Exploitation</b>   |
| T2-2       | Dissemination Activities<br>-Conference at Washington, USA  |
| <b>WP4</b> | <b>Specifications &amp; design</b>  |

|            |  |
|------------|--|
| T4-1       | Overall Architecture<br>-Attendances to the internal WP4 meetings<br>-Participation to the redaction of the architecture deliverable D.4.1 |
| T4-2       | External Interface design<br>-Attendance to the meetings<br>-Participation to the redaction of the D.4.2                                   |
| T4-3       | Internal Interface design<br>-Attendance to the meetings<br>-Participation to the redaction of the D.4.3                                   |
| <b>WP5</b> | <b>Implementation</b>  |
| T5-1       | -Validation of the planning<br>-Proposition of CVS Workflows<br>-General Conflict resolution procedure                                     |

## 2.1.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>                 | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|------------------------------------|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.2 Management Report 2        | Draft                                 |
| WP1/T1-2        | M8         | D.1.2.1 Technical Report 1         | Final                                 |
| WP2/T2-3        | M10        | D.2.3.1 Exploitation Report 1      | Final                                 |
| WP4/T4-1        | M4         | D.4.1 Architectural Specifications | Final                                 |
| WP4/T4-2        | M7         | D.4.2 External Interface Design    | Final                                 |
| WP4/T4-3        | M8         | D.4.3 Internal Interface Design    | Final                                 |

### 2.1.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|------------|-------------|------------|---|----------------------|
|              |                     | Start        | End        | Start       | End        |   | Since start          |
| <b>WP1</b>   |                     |              |            |             |            |   |                      |
| T1-1         | 400                 | M0           | M20        | M0          | M20        | 113   | 313                  |
| T1-2         | 140                 | M0           | M20        | M0          | M20        | 25  | 125                  |
| T1-3         | 20                  | M0           | M20        | M0          | M20        | 0   | 20                   |
| <b>Total</b> | <b>560</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>138</b>                                  | <b>458</b>           |
| <b>WP2</b>   |                     |              |            |             |            |   |                      |
| T2-2         | 60                  | M0           | M20        | M2          | M20        | 10  | 30                   |
| T2-3         | 10                  | M0           | M20        | M3          | M20        | 10  | 20                   |
| <b>Total</b> | <b>70</b>           | <b>M0</b>    | <b>M20</b> | <b>M2</b>   | <b>M20</b> | <b>30</b>                                   | <b>50</b>            |
| <b>WP3</b>   |                     |              |            |             |            |   |                      |
| T3-1         | 70                  | M0           | M2         | M0          | M2,5       | 0   | 70                   |
| T3-2         | 70                  | M1,5         | M3         | M5          | M7         | 0   | 70                   |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>0</b>                                    | <b>140</b>           |
| <b>WP4</b>   |                     |              |            |             |            |   |                      |
| T4-1         | 70                  | M2           | M6         | M3          | M7         | 0   | 40                   |
| T4-2         | 0                   | M6           | M7         | M7          | M8         | 20  | 20                   |
| T4-3         | 0                   | M7           | M8         | M7          | M8         | 10  | 10                   |
| <b>Total</b> | <b>70</b>           | <b>M2</b>    | <b>M6</b>  | <b>M3</b>   | <b>M7</b>  | <b>30</b>                                   | <b>70</b>            |

## 2.2 ACTIMAGE

|  |                                 |
|--|---------------------------------|
| <b>Partner:</b> ACTIMAGE                         | <b>Author:</b> Christophe MEGEL |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 05/04/2003         |

### 2.2.1 Work accomplished this period

| WP/ Task   | Action   |
|------------|--|
| <b>WP2</b> | <b>Dissemination / Exploitation</b>  |
| T2-1       | Dissemination Tools Review<br>-Implementation of the new public website<br>-Implementation of the new private extranet<br>-Referencing strategies<br>-Delivery of the bi-monthly newsletter<br>-Hosting strategy<br>-Maintenance of the websites<br>-Implementation of new Dissemination tools: visit cards, posters, power point template, etc. |
| T2-2       | Dissemination Activities<br>-4 Presentations: one in France, three in Luxembourg<br>-Attendance to 1 conference (Washington DC, USA)<br>-General coordination of the dissemination activities<br>-Establishment of templates (posters, presentations, leaflets...)<br>-Redaction of the D.2.2.1: "Dissemination Report 1"                        |
| T2-3       | Exploitation Activities<br>-Redaction of the D.2.3.1: "Exploitation Report 1"<br>-Evaluation of the know-how<br>-Product positioning   |
| <b>WP1</b> | <b>Management</b>  |
| T1-1       | Project Management :<br>-Participation to the three Steering Boards<br>-Global Management of the Dissemination Board<br>-Production of the Management Reports and Costs Reports  |
| <b>WP5</b> | <b>Implementation</b>  |
| T5-1       | -Hosting and configuration of CVS 1 server   |

## 2.2.2 Deliverables due this period

| WP/ Task | Due | Deliverable            | Status (Final, Draft, Pending) |
|----------|-----|------------------------|--------------------------------|
| WP2/T2-1 | M8  | New Public Website     | Final                          |
| WP2/T2-1 | M10 | New Private Extranet   | Draft                          |
| WP2/T2-2 | M7  | Dissemination Report 1 | Final                          |
| WP2/T2-3 | M7  | Exploitation Report 1  | Final                          |
| WP1/T1-1 | M8  | Management Report 2    | Draft                          |

## 2.2.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|------------|-------------|------------|---|----------------------|
|              |                     | Start        | End        | Start       | End        |   | Since start          |
| <b>WP1</b>   |                     |              |            |             |            |   |                      |
| T1-1         | 140                 | M0           | M20        | M0          | M20        | 24  | 64                   |
| T1-2         | 70                  | M0           | M20        | M0          | M20        | 12  | 32                   |
| T1-3         | 70                  | M0           | M20        | M0          | M20        | 0   | 20                   |
| <b>Total</b> | <b>280</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>36</b>                                   | <b>116</b>           |
| <b>WP2</b>   |                     |              |            |             |            |   |                      |
| T2-1         | 420                 | M0           | M2         | M0          | M2         | 135   | 535                  |
| T2-2         | 280                 | M2           | M20        | M2          | M20        | 20  | 100                  |
| T2-3         | 280                 | M3           | M20        | M3          | M20        | 65  | 85                   |
| <b>Total</b> | <b>980</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>220</b>                                  | <b>720</b>           |
| <b>WP5</b>   |                     |              |            |             |            |   |                      |
| T5-1         | 0                   | M6           | M12        | M8          | M14        | 8   | 8                    |
| <b>Total</b> | <b>0</b>            | <b>M6</b>    | <b>M12</b> | <b>M8</b>   | <b>M14</b> | <b>8</b>                                    | <b>8</b>             |

## 2.3 SALAMANDRE

|  |                               |
|--|-------------------------------|
| <b>Partner:</b> SALAMANDRE                       | <b>Author:</b> Pierre SELLIER |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 04/04/2003       |

### 2.3.1 Work accomplished this period

| WP/ Task   | Actions  |
|------------|--|
| <b>WP1</b> | <b>Project Management</b>  |
| T1-1       | Project Management :<br>- Work done to lower conflicts between consortium members  |
| <b>WP2</b> | <b>Dissemination &amp; Exploitation</b>  |
| T2-3       | Exploitation Activities :<br>- Analysis of business development strategies for EuropePKI.<br>- Meetings with DCSSI in France and BSI in Germany. |

### 2.3.2 Deliverables due this period

| WP/ Task   | Due | Deliverable                      | Status (Final, Draft, Pending) |
|------------|-----|----------------------------------|--------------------------------|
| WP2 / T2-3 | M7  | D.2.3.1: « Exploitation report » | Final                          |

### 2.3.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human re-<br>sources in Per-<br>son Hours<br>This Period | Cumulative Resources |
|--------------|---------------------|--------------|------------|-------------|------------|--|----------------------|
|              |                     | Start        | End        | Start       | End        |  | Since start          |
| <b>WP1</b>   |                     |              |            |             |            |  |                      |
| T1-1         | 56                  | M0           | M20        | M0          | M20        | 3  | 53                   |
| <b>Total</b> | <b>56</b>           | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>3</b>   | <b>53</b>            |
| <b>WP2</b>   |                     |              |            |             |            |  |                      |
| T2-3         | 140                 | M0           | M20        | M2          | M20        | 15   | 125                  |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M20</b> | <b>M2</b>   | <b>M20</b> | <b>15</b>  | <b>125</b>           |

## 2.4 **AQL**

|   |  |
|---|--|
| <b>Partner:</b> AQL, Groupe Silicomp          | <b>Author:</b> <b>Philippe ENSARGUET</b> |
| <b>Period:</b> April 1, 2002 – March 31, 2003 | <b>Date:</b> 11/04/2002                  |

### 2.4.1 Work accomplished this period

| <b>WP/ Task</b> | <b>Actions</b>   |
|-----------------|--|
| <b>WP1</b>      | <b>Project Management</b>  |
| T1-1            | Project Management :<br><ul style="list-style-type: none"> <li>- Project management activities</li> <li>- Participation in Steering Board Meeting</li> <li>- Participation in Technical Board Meeting</li> <li>- Participation in Review Meeting</li> <li>- Monthly progress Report activities</li> </ul>  |
| <b>WP2</b>      | <b>Dissemination &amp; Exploitation</b>  |
| T2-2            | Dissemination Activities<br>AQL has led ~20 workshops on EUPKI related subjects in France (Representing a target population of ~350 persons)<br>AQL has led ~5 workshop on EUPKI related subjects in Europe : Belgium, Luxembourg, Monaco, Switzerland (Representing a target population of ~150 persons). |
| <b>WP3</b>      | <b>Requirements</b>  |
| T3-1            | Requirements Analysis<br><ul style="list-style-type: none"> <li>- Brainstorming</li> <li>- Participation in working meeting in Paris</li> <li>- Reading activities &amp; feedbacks</li> </ul>  |
| T3-2            | Definition of the project perimeter and requirements<br><ul style="list-style-type: none"> <li>- Reading activities &amp; feedbacks</li> <li>- Brainstorming &amp; participation in the Deliverable 3.6</li> </ul>   |
| <b>WP4</b>      | <b>Specifications &amp; design</b>   |
| T4-1            | Overall Architecture<br><ul style="list-style-type: none"> <li>- Participation in the specific annex concerning security</li> <li>- Reading activities</li> </ul>  |
| <b>WP8</b>      | <b>Guidelines for Security &amp; Homologation</b>  |

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|      |   |
|------|---|
| T8-1 | Scope of the homologation process<br>- Animation, reflexion and writting of the D8.1<br>- Animation of a specific workshop on the Common Criteria |
| T8-2 | Stating of the Security requirements<br>- Final Document  |
| T8-3 | Support to the consortium   |

## 2.4.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>  | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.1 : « Management report »                           | Draft                                 |
| WP8/T8.1        | M3         | D8.1 v1.0 : "Security Reference Document List"            | Final                                 |
| WP8/T8.2        | M4         | D8.2 v0.05 : "Components subject to homologation process" | Final                                 |

### 2.4.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |             | Actual Date |             | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|-------------|-------------|-------------|---|----------------------|
|              |                     | Start        | End         | Start       | End         |   | Since start          |
| <b>WP1</b>   |                     |              |             |             |             |   |                      |
| T1-1,2       | 70                  | M0           | M20         | M0          | M20         | 55  | 55                   |
| <b>Total</b> | <b>70</b>           | <b>M0</b>    | <b>M20</b>  | <b>M0</b>   | <b>M20</b>  | <b>55</b>                                   | <b>55</b>            |
| <b>WP2</b>   |                     |              |             |             |             |   |                      |
| T2-2         | 70                  | M0           | M20         | M0          | M2          | 35  | 35                   |
| <b>Total</b> | <b>70</b>           | <b>M0</b>    | <b>M20</b>  | <b>M0</b>   | <b>M2</b>   | <b>35</b>                                   | <b>35</b>            |
| <b>WP3</b>   |                     |              |             |             |             |   |                      |
| T3-1         | 30                  | M0           | M2          | M0          | M2,5        | 30  | 30                   |
| T3-2         | 40                  | M1,5         | M3          | M5          | M7          | 40  | 40                   |
| <b>Total</b> | <b>70</b>           | <b>M0</b>    | <b>M3</b>   | <b>M0</b>   | <b>M7</b>   | <b>70</b>                                   | <b>70</b>            |
| <b>WP4</b>   |                     |              |             |             |             |   |                      |
| T4-1         | 70                  | M2           | M3,5        | M3          | M4,5        | 105   | 105                  |
| <b>Total</b> | <b>70</b>           | <b>M2</b>    | <b>M3,5</b> | <b>M3</b>   | <b>M4,5</b> | <b>105</b>                                  | <b>105</b>           |
| <b>WP5</b>   |                     |              |             |             |             |   |                      |
| T5-1         | 70                  | M5           | M12         | M7          | -           | 0   | 0                    |
| <b>Total</b> | <b>70</b>           | <b>M5</b>    | <b>M12</b>  | <b>M7</b>   | <b>-</b>    | <b>0</b>                                    | <b>0</b>             |
| <b>WP6</b>   |                     |              |             |             |             |   |                      |
| T6-1 2 3 4   | 70                  | M2           | M17         | M7          | -           | 0   | 0                    |
| <b>Total</b> | <b>70</b>           | <b>M2</b>    | <b>M17</b>  | <b>M7</b>   | <b>-</b>    | <b>0</b>                                    | <b>0</b>             |
| <b>WP8</b>   |                     |              |             |             |             |   |                      |
| T8-1         | 140                 | M0           | M3          | M0          | M3          | 140   | 140                  |
| T8-2         | 140                 | M0           | M17         | M0          | M17         | 122,5                                       | 122,5                |
| T8-3         | 140                 | M0           | M20         | M0          | M20         | 33  | 33                   |
| T8-4         | 140                 | M0           | M20         | M20         | M20         | 0   | 0                    |
| <b>Total</b> | <b>560</b>          | <b>M0</b>    | <b>M17</b>  | <b>M0</b>   | <b>M20</b>  | <b>295,5</b>                                | <b>295,5</b>         |

## 2.5 **AXETEL**

|  |                                   |
|--|-----------------------------------|
| <b>Partner:</b> AXETEL                           | <b>Author:</b> <b>Eduard TRIC</b> |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 7/04/2003            |

### 2.5.1 Work accomplished this period

| WP/ Task   | Action   |
|------------|--|
| <b>WP1</b> | <b>Project Management</b>  |
| T1-1       | Project Management:<br>-Overall management for Axetel  |
| <b>WP2</b> |  |
| T2-2       | <b>Dissemination Events</b> <ul style="list-style-type: none"> <li>- Analyse, prepare and sent materials for ISSE 2002</li> <li>- Participation to IST broadband in Bucharest</li> <li>- Participation to the WSIS pan-European conference in Bucharest</li> <li>- Prepare the materials for the presentation of the project to the 4-th Conference about the new economy of south-eastern Europe</li> </ul> |
| T 2-3      | <b>Exploitation Events</b> <ul style="list-style-type: none"> <li>- Participation to Train-it feb 2003</li> <li>- Work on the exploitation and business plan</li> </ul>  |
| <b>WP3</b> | <b>Requirements</b>  |
| T3-1       | Requirements Analysis:<br>-Participation to the Brainstorming Meetings lead by CGE&Y<br>-Participate to the user requirements and needs.<br>-Express the Romanian specificities for setting a PKI service.<br>-Translate the Romanian law on electronic signature  |
| T3-2       | Perimeter of the project:<br>-Participation to the redaction of the deliverables D.3.5 & D.3.6   |
| <b>WP4</b> | <b>Specifications &amp; Design</b>   |
| T4-1       | Architectural Specifications<br>- Participate to the design process.   |
| <b>WP5</b> | <b>Implementation</b>  |
| T5-1       | Development of the components<br>-Be sure that specifications are realistic<br>- analyse and propose the technological choices<br>- make the low-level architecture and design<br>- make the use cases<br>- update the planning for the first phase  |

|  |  |
|--|--|
|  | - Develop the first series of modules<br>-Maintain the software. |
|--|--|

## 2.5.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>  | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.1: Management report  | Draft                                 |
| WP3/T3-1        | M0,5       | D.3.1 Brainstorming Requirement Analysis                                    | Final                                 |
| WP3/T3-1        | M1         | D.3.2 Report of First Meeting   | Final                                 |
| WP3/T3-1        | M1,5       | D.3.3 Report of Second Meeting  | Final                                 |
| WP3/T3-1        | M2         | D.3.4 Report of Third Meeting   | Final                                 |
| WP3/T3-2        | M2,5       | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                                 |
| WP3/T3-2        | M3         | D.3.6 Definition of the perimeter of the project                            | Final                                 |
| WP4/T4-1        | M4         | D.4.1 Architectural Specifications  | Final                                 |
| WP5/T5-1        | M 10       | R.5.4 Use cases   | Final                                 |
| WP5/T5-1        | M 10       | R.5.6 planning of the first development phase                               | Final                                 |
| WP5/T5-1        | M 12       | R.5.5 Low level architecture and design                                     | Draft                                 |
| WP5/T5-1        | M12        | Technological choices rationale   | Final                                 |

### 2.5.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources Since start |
|--------------|---------------------|--------------|------------|-------------|------------|---|----------------------------------|
|              |                     | Start        | End        | Start       | End        |   |                                  |
| <b>WP1</b>   |                     |              |            |             |            |   |                                  |
| T1-1         | 168                 | M0           | M20        | M0          | M20        | 100   | 100                              |
| T1-2         | 168                 | M0           | M20        | M0          | M20        | 120   | 120                              |
| <b>Total</b> | <b>336</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>220</b>                                  | <b>220</b>                       |
| <b>WP2</b>   |                     |              |            |             |            |   |                                  |
| T2-2         | 168                 | M2           | M20        | M2          | M20        | 120   | 120                              |
| T2-3         | 168                 | M2           | M20        | M2          | M20        | 88  | 88                               |
| <b>Total</b> | <b>336</b>          | <b>M2</b>    | <b>M20</b> | <b>M2</b>   | <b>M20</b> | <b>208</b>                                  | <b>208</b>                       |
| <b>WP3</b>   |                     |              |            |             |            |   |                                  |
| T3-1         | 168                 | M0           | M2         | M0          | M2,5       | 168   | 168                              |
| T3-2         | 168                 | M1,5         | M3         | M1          | M7         | 168   | 168                              |
| <b>Total</b> | <b>336</b>          | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>336</b>                                  | <b>336</b>                       |
| <b>WP4</b>   |                     |              |            |             |            |   |                                  |
| T4-1         | 130                 | M2           | M3,5       | M3          | M4,5       | 206   | 206                              |
| T4-2         | 130                 | M3,5         | M6         | M4,5        | M7         | 130   | 130                              |
| T4-3         | 76                  | M3,5         | M6         | M4,5        | M7         | 0   | 0                                |
| <b>Total</b> | <b>336</b>          | <b>M2</b>    | <b>M6</b>  | <b>M3</b>   | <b>M7</b>  | <b>336</b>                                  | <b>336</b>                       |
| <b>WP5</b>   |                     |              |            |             |            |   |                                  |
| T5-1         | 9000                | M5           | M12        | M7          | -          | 4704  | 4704                             |
| T5-2         | 72                  | M8           | M18        | -           | -          | 0   | 0                                |
| <b>Total</b> | <b>9072</b>         | <b>M5</b>    | <b>M18</b> | <b>M7</b>   | <b>-</b>   | <b>4704</b>                                 | <b>4704</b>                      |

#### Notes:

The legal period of work in Romania is 1896 hours /year. The corresponding amount in person/month for Romania is 168h/personmonth.

In order to assure the programmers work, the management team provided a supplementary amount of 6 man/month for this project, not paid, not covered in the costs report.

**The updated estimation (April 2003) for the WP5 workload to build the product from scratch is 100 man/month (16800 h) for the development and at least 12 man / month (2016 h) for the support for WP6 .**

## 2.6 CERTINOMIS

|  |                                  |
|--|----------------------------------|
| <b>Partner:</b> CERTINOMIS                       | <b>Author:</b> Jean-Séverin LAIR |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 25/03/2003          |

### 2.6.1 Work accomplished this period

| WP/ Task   | Actions  |
|------------|--|
| <b>WP4</b> | <b>Specifications &amp; design</b>   |
| T4-1       | Overall Architecture <ul style="list-style-type: none"> <li>- Participation to the definition of the architectural specifications</li> <li>- Participation to the redaction of the deliverable D.4.3</li> </ul>  |
| T4-2       | Design of relations between core components <ul style="list-style-type: none"> <li>- Participation to the definition of the components relationships, communication scenarios, and protocols</li> <li>- Participation to the redaction of the deliverable D.4.3</li> </ul> |
| T4-3       | Design of external interfaces <ul style="list-style-type: none"> <li>- Participation to the definition of the communication interfaces usable for integration in an other development</li> <li>- Participation to the redaction of the deliverable D.4.2</li> </ul>        |

## 2.6.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>                      | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP4/T4-2        | M6         | D.4.3 Internal functional specification | Final                                 |
| WP4/T4-3        | M6         | D.4.2 External communication interface  | Final                                 |

### 2.6.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |           | Actual Date |           | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|-----------|-------------|-----------|---|----------------------|
|              |                     | Start        | End       | Start       | End       |   | Since start          |
| <b>WP3</b>   |                     |              |           |             |           |   |                      |
| T3-1         | 140                 | M1           | M3        | M1          | M3        | 0   | 140                  |
| T3-2         | 70                  | M3           | M6        | M3          | M7        | 0   | 70                   |
| <b>Total</b> | <b>210</b>          | <b>M1</b>    | <b>M6</b> | <b>M1</b>   | <b>M7</b> | <b>0</b>                                    | <b>210</b>           |
| <b>WP4</b>   |                     |              |           |             |           |   |                      |
| T4-1         | 100                 | M4           | M6        | M4          | M7        | 0   | 100                  |
| T4-2         | 100                 | M5           | M7        | M5          | M7        | 0   | 100                  |
| T4-3         | 80                  | M6           | M8        | M6          | M8        | 80  | 80                   |
| <b>Total</b> | <b>280</b>          | <b>M4</b>    | <b>M8</b> | <b>M4</b>   | <b>M8</b> | <b>80</b>                                   | <b>280</b>           |

## 2.7 INTESA

|   |                               |
|---|-------------------------------|
| <b>Partner:</b> INTESA                    | <b>Author:</b> Franco TAFFINI |
| <b>Period:</b> April 1 – October 31, 2002 | <b>Date:</b> 15/10/2002       |

### 2.7.1 Work accomplished this period

| WP/ Task   | Actions   |
|------------|---|
| <b>WP1</b> | <b>Project Management</b>   |
| T1-1       | Project Management :<br>-Redaction of the Management reports and Cost Reports for INTESA  |
| <b>WP3</b> | <b>Requirements</b>   |
| T3-1       | Requirements Analysis<br>INTESA has participated to WP3 in order to define the business & organisational model for a PKI implementation starting from our experience as commercial and public CA. |
| T3-2       | Definition of the project perimeter and requirements<br>We have attended all meetings dedicated to this WP and provided organizational and technological contributions.                           |

## 2.7.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>  | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.1: Management report  | Draft                                 |
| WP3/T3-1        | M0,5       | D.3.1 Brainstorming Requirement Analysis                                    | Final                                 |
| WP3/T3-1        | M1         | D.3.2 Report of First Meeting   | Final                                 |
| WP3/T3-1        | M1,5       | D.3.3 Report of Second Meeting  | Final                                 |
| WP3/T3-1        | M2         | D.3.4 Report of Third Meeting   | Final                                 |
| WP3/T3-2        | M2,5       | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                                 |
| WP3/T3-2        | M3         | D.3.6 Definition of the perimeter of the project                            | Final                                 |

### 2.7.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh)  | Planned Date |           | Actual Date |           | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|----------------------|--------------|-----------|-------------|-----------|---|----------------------|
|              |                      | Start        | End       | Start       | End       |   | Since start          |
|              | <b>Whole Project</b> |              |           |             |           |   |                      |
| <b>WP3</b>   |                      |              |           |             |           |   |                      |
| T3-1         | 50                   | M0           | M2        | M0          | M2,5      | 70  | 70                   |
| T3-2         | 20                   | M1,5         | M3        | M5          | M7        | 44  | 44                   |
| <b>Total</b> | <b>70</b>            | <b>M0</b>    | <b>M3</b> | <b>M0</b>   | <b>M7</b> | <b>114</b>                                  | <b>114</b>           |

## 2.8 CGE&Y

|   |                                 |
|---|---------------------------------|
| <b>Partner:</b> CGE&Y                     | <b>Author:</b> Minaradjy PASCAL |
| <b>Period:</b> November 2002 – March 2003 | <b>Date:</b> 25/04/2003         |

### 2.8.1 Work accomplished this period

| <b>WP/ Task</b> | <b>Actions</b>  |
|-----------------|---|
| <b>WP1</b>      | <b>Project Management</b>   |
| T1-1            | Project Management : <ul style="list-style-type: none"> <li>- Production of the Management Reports</li> <li>- Participation to the Steering Committee meetings</li> <li>- General coordination of the WP3</li> </ul>  |
| T1-2            | Technical Management : <ul style="list-style-type: none"> <li>- Participation to the redaction of the Technical Report</li> </ul>   |
| <b>WP3</b>      | <b>Requirements</b>   |
| T3-1            | Requirements Analysis <ul style="list-style-type: none"> <li>- Lead, organisation and coordination of the Brainstorming Meetings</li> <li>- Production of the deliverables D.3.1, D.3.2, D.3.3, D.3.4</li> </ul>  |
| T3-2            | Definition of the project perimeter and requirements <ul style="list-style-type: none"> <li>- Production of the deliverables D.3.5, D.3.6</li> <li>- Definition of the perimeter of the project</li> <li>- Definition of the legal requirements.</li> </ul> |
| <b>WP4</b>      | <b>Specifications &amp; design</b>  |
| T4-1            | Overall Architecture <ul style="list-style-type: none"> <li>- Participation to the definition of the architectural specifications</li> <li>- Participation to the redaction of the deliverable D.4.1</li> </ul>   |
| T 4-2           | Design of the relations between core components <ul style="list-style-type: none"> <li>- Participation to the redaction of the deliverable D.4.2</li> </ul>   |
| T 4-3           | Design of the external interfaces <ul style="list-style-type: none"> <li>- Participation to the redaction of the deliverable D.4.3</li> </ul>   |

## 2.8.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>  | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.1: Management report  | Draft                                 |
| WP3/T3-1        | M0,5       | D.3.1 Brainstorming Requirement Analysis                                    | Final                                 |
| WP3/T3-1        | M1         | D.3.2 Report of First Meeting   | Final                                 |
| WP3/T3-1        | M1,5       | D.3.3 Report of Second Meeting  | Final                                 |
| WP3/T3-1        | M2         | D.3.4 Report of Third Meeting   | Final                                 |
| WP3/T3-2        | M2,5       | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                                 |
| WP3/T3-2        | M3         | D.3.6 Definition of the perimeter of the project                            | Final                                 |
| WP4/T4-1        | M4         | D.4.1 Architectural Specifications  | Final                                 |
| WP4/T4-2        | M4         | D 4.2 External communication interface                                      | Final                                 |
| WP4/T4-3        | M4         | D 4.3 Internal functional specification                                     | Final                                 |

### 2.8.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human re-<br>sources in Per-<br>son Hours<br>This Period | Cumulative<br>Resources |
|--------------|---------------------|--------------|------------|-------------|------------|--|-------------------------|
|              |                     | Start        | End        | Start       | End        |  | Since start             |
| <b>WP1</b>   |                     |              |            |             |            |  |                         |
| T1-1         | 140                 | M0           | M20        | M0          | M20        | 35   | 75                      |
| T1-2         | 140                 | M0           | M20        | M0          | M20        | 0  | 10                      |
| <b>Total</b> | <b>280</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>35</b>  | <b>85</b>               |
| <b>WP3</b>   |                     |              |            |             |            |  |                         |
| T3-1         | 400                 | M0           | M2         | M0          | M2,5       | 0  | 330                     |
| T3-2         | 1000                | M1,5         | M3         | M5          | M7         | 0  | 1070                    |
| <b>Total</b> | <b>1400</b>         | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>0</b>   | <b>1400</b>             |
| <b>WP4</b>   |                     |              |            |             |            |  |                         |
| T4-1         | 160                 | M2           | M3,5       | M3          | M4,5       | 0  | 160                     |
| T4-2         | 200                 | M3,5         | M6         | M4,5        | M7         | 50   | 150                     |
| T4-3         | 200                 | M3,5         | M6         | M4,5        | M7         | 200  | 200                     |
| <b>Total</b> | <b>560</b>          | <b>M2</b>    | <b>M6</b>  | <b>M3</b>   | <b>M7</b>  | <b>250</b>   | <b>510</b>              |

## 2.9 EDF

|   |  |
|---|--|
| <b>Partner:</b> EDF                             | <b>Author:</b> Ludovic PIETRE-CAMBACEDES |
| <b>Period:</b> November 1,2002 – March 31, 2003 | <b>Date:</b> 09/04/2003                  |

### 2.9.1 Work accomplished this period

| <b>WP/ Task</b> | <b>Actions</b>  |
|-----------------|---|
| <b>WP1</b>      | <b>Project Management</b>   |
| T1-1            | Project Management:<br>Steering boards attendance<br>Regular contributions to managements activities (reporting, management reports etc.)   |
| T1-2            | Technical Management<br>Technical boards attendance   |
| <b>WP2</b>      | <b>Dissemination &amp; Exploitation</b>   |
| T2-1            | Dissemination Tools Implementation Report :<br>Feed-backs on the different dissemination tools  |
| T2-2            | Dissemination Activities :<br>Internal animation (among EDF, Gaz de France and RTE security experts)<br>Informal dissemination<br>Intervention in the X-Aristote Program Committee  |
| <b>WP3</b>      | <b>Requirements</b>   |
| T3-1            | Requirements Analysis :<br>Internal inquiries (requirements definition) and restitution<br>Brainstorming sessions attendance and participation<br>Inputs and feedbacks on all the related deliverables (D.3.1, D.3.2, D.3.3, D.3.4) |
| T3-2            | Definition of the project perimeter and requirements:<br>Feedbacks and contributions for the D.3.5 & D3.6 deliverables<br>Meetings attendance   |

## 2.9.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>  | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.1: Management report  | Draft                                 |
| WP3/T3-1        | M0,5       | D.3.1 Brainstorming Requirement Analysis                                    | Final                                 |
| WP3/T3-1        | M1         | D.3.2 Report of First Meeting   | Final                                 |
| WP3/T3-1        | M1,5       | D.3.3 Report of Second Meeting  | Final                                 |
| WP3/T3-1        | M2         | D.3.4 Report of Third Meeting   | Final                                 |
| WP3/T3-2        | M2,5       | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                                 |
| WP3/T3-2        | M3         | D.3.6 Definition of the perimeter of the project                            | Final                                 |

### 2.9.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|------------|-------------|------------|---|----------------------|
|              |                     | Start        | End        | Start       | End        |   | Since start          |
| <b>WP1</b>   |                     |              |            |             |            |   |                      |
| T1-1         | 14                  | M0           | M20        | M0          | M20        | 50  | 50                   |
| T1-2         | 14                  | M0           | M20        | M0          | M20        | 20  | 20                   |
| <b>Total</b> | <b>28</b>           | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>70</b>                                   | <b>70</b>            |
| <b>WP2</b>   |                     |              |            |             |            |   |                      |
| T2-1         | 0                   | M0           | M2         | M0          | M2         | 2   | 2                    |
| T2-2         | 20                  | M2           | M20        | M2          | M20        | 12  | 12                   |
| T2-3         | 8                   | M3           | M20        | M0          | M20        | 0   | 0                    |
| <b>Total</b> | <b>28</b>           | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>14</b>                                   | <b>14</b>            |
| <b>WP3</b>   |                     |              |            |             |            |   |                      |
| T3-1         | 50                  | M0           | M2         | M0          | M2,5       | 120   | 120                  |
| T3-2         | 48                  | M1,5         | M3         | M5          | M7         | 66  | 66                   |
| <b>Total</b> | <b>98</b>           | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>186</b>                                  | <b>186</b>           |

## 2.10 FT R&D

|   |                                |
|---|--------------------------------|
| <b>Partner:</b> FT R&D  | <b>Author:</b> Béatrice RENARD |
| <b>Period:</b> November 1, 2002 – March 31 <sup>st</sup> , 2003 | <b>Date:</b> 08/04/2003        |

### 2.10.1 Work accomplished this period

| WP/ Task   | Actions   |
|------------|---|
| <b>WP1</b> | <b>Project Management</b>   |
| T1-1       | Project Management : <ul style="list-style-type: none"><li>- Production of the Management Reports</li><li>- Participation to the Steering Committee meetings</li><li>- Follow-up of the project</li></ul> |
| <b>WP2</b> | <b>Dissemination &amp; Exploitation</b>   |
| T2-2       | Informal dissemination<br>Internal dissemination  |

## 2.10.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>  | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---|---------------------------------------|
| WP1/T1-1        | M7         | D.1.1.1: Management report  | Draft                                 |
| WP3/T3-1        | M0,5       | D.3.1 Brainstorming Requirement Analysis                                    | Final                                 |
| WP3/T3-1        | M1         | D.3.2 Report of First Meeting   | Final                                 |
| WP3/T3-1        | M1,5       | D.3.3 Report of Second Meeting  | Final                                 |
| WP3/T3-1        | M2         | D.3.4 Report of Third Meeting   | Final                                 |
| WP3/T3-2        | M2,5       | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                                 |
| WP3/T3-2        | M3         | D.3.6 Definition of the perimeter of the project                            | Final                                 |

### 2.10.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human re-<br>sources in Per-<br>son Hours<br>This Period | Cumulative<br>Resources |
|--------------|---------------------|--------------|------------|-------------|------------|--|-------------------------|
|              |                     | Start        | End        | Start       | End        |  | Since start             |
| <b>WP1</b>   |                     |              |            |             |            |  |                         |
| T1-1         | 140                 | M0           | M20        | M0          | M20        | 35   | 70                      |
| T1-2         | 0                   | M0           | M20        | M0          | M20        | 0  | 0                       |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>35</b>  | <b>70</b>               |
| <b>WP2</b>   |                     |              |            |             |            |  |                         |
| T2-2         | 42                  | M2           | M20        | M2          | M20        | 14   | 14                      |
| <b>Total</b> | <b>42</b>           | <b>M2</b>    | <b>M20</b> | <b>M2</b>   | <b>M20</b> | <b>14</b>  | <b>14</b>               |
| <b>WP3</b>   |                     |              |            |             |            |  |                         |
| T3-1         | 100                 | M0           | M2         | M0          | M2,5       | 0  | 91                      |
| T3-2         | 82                  | M1,5         | M3         | M5          | M7         | 0  | 70                      |
| <b>Total</b> | <b>182</b>          | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>0</b>   | <b>161</b>              |

## 2.11 FINSIEL

|   |                                     |
|---|-------------------------------------|
| <b>Partner:</b> FINSIEL                 | <b>Author:</b> Maria Grazia Soccali |
| <b>Period:</b> April 1 – March 31, 2003 | <b>Date:</b> 16/03/2002             |

### 2.11.1 Work accomplished this period

| <b>WP/ Task</b> | <b>Actions</b>   |
|-----------------|--|
| <b>WP1</b>      | <b>Project Management</b>  |
| T1-1            | Project Management :<br>Finsiel participated to <ul style="list-style-type: none"> <li>- Kick-off meeting held in Paris on 11-12 April 2002</li> <li>- Steering and Dissemination Board meeting held in Munich on 5<sup>th</sup> July 2002</li> <li>- Redaction of the Management reports and Cost Reports</li> </ul>                                    |
| <b>WP3</b>      | <b>Requirements</b>  |
| T3-1            | Requirements Analysis:<br>Finsiel took part to the following Requirement Analysis meetings: <ul style="list-style-type: none"> <li>- Paris, 24<sup>th</sup> of April 2002</li> <li>- Paris, 21<sup>st</sup> of May 2002</li> </ul> Finsiel cooperated to the definition of end user requirements and scenarios and to the preparation of WP Deliverables |
| T3-2            | Definition of the project perimeter and requirements:<br>Finsiel took part to the WP3 review meeting held in Munich on 4 <sup>th</sup> of July 2002 and contributed to the final refinement of WP Deliverables   |

### 2.11.2 Deliverables due this period

| WP/ Task | Due  | Deliverable   | Status (Final, Draft, Pending) |
|----------|------|---|--------------------------------|
| WP1/T1-1 | M7   | D.1.1.1: Management report  | Draft                          |
| WP3/T3-1 | M0,5 | D.3.1 Brainstorming Requirement Analysis                                    | Final                          |
| WP3/T3-1 | M1   | D.3.2 Report of First Meeting   | Final                          |
| WP3/T3-1 | M1,5 | D.3.3 Report of Second Meeting  | Final                          |
| WP3/T3-1 | M2   | D.3.4 Report of Third Meeting   | Final                          |
| WP3/T3-2 | M2,5 | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                          |
| WP3/T3-2 | M3   | D.3.6 Definition of the perimeter of the project                            | Final                          |

### 2.11.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human re-<br>sources in Per-<br>son Hours | Cumulative<br>Resources |
|--------------|---------------------|--------------|------------|-------------|------------|---|-------------------------|
|              |                     | Start        | End        | Start       | End        | This Period                               | Since start             |
| <b>WP1</b>   |                     |              |            |             |            |   |                         |
| T1-1         |                     | M0           | M20        | M0          | M20        | 22,8                                      | 22,8                    |
| <b>Total</b> |                     | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>22,8</b>                               | <b>22,8</b>             |
| <b>WP3</b>   |                     |              |            |             |            |   |                         |
| T3-1         | 70                  | M0           | M2         | M0          | M2,5       | 79,8                                      | 79,8                    |
| T3-2         | 70                  | M1,5         | M3         | M5          | M7         | 79,8                                      | 79,8                    |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>159,6</b>                              | <b>159,6</b>            |

## 2.12 INPS

|  |                              |
|--|------------------------------|
| <b>Partner:</b> INPS                             | <b>Author:</b> Massimo DIANA |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 07/04/03        |

### 2.12.1 Work accomplished this period

| WP/ Task   | Action   |
|------------|--|
| <b>WP3</b> | <b>Requirements</b>  |
| T3-1       | Requirements Analysis:<br>-Participation to the Brainstorming Meetings lead by CGE&Y           |
| T3-2       | Perimeter of the project:<br>-Participation to the redaction of the deliverables D.3.5 & D.3.6 |

### 2.12.2 Deliverables due this period

| WP/ Task | Due  | Deliverable   | Status (Final, Draft, Pending) |
|----------|------|---|--------------------------------|
| WP1/T1-1 | M7   | D.1.1.1: Management report  | Draft                          |
| WP3/T3-1 | M0,5 | D.3.1 Brainstorming Requirement Analysis                                    | Final                          |
| WP3/T3-1 | M1   | D.3.2 Report of First Meeting   | Final                          |
| WP3/T3-1 | M1,5 | D.3.3 Report of Second Meeting  | Final                          |
| WP3/T3-1 | M2   | D.3.4 Report of Third Meeting   | Final                          |
| WP3/T3-2 | M2,5 | D.3.5 Review of the draft of the definition of the perimeter of the project | Final                          |
| WP3/T3-2 | M3   | D.3.6 Definition of the perimeter of the project                            | Final                          |

### 2.12.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |           | Actual Date |             | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|-----------|-------------|-------------|---|----------------------|
|              |                     | Start        | End       | Start       | End         |   | Since start          |
| <b>WP3</b>   |                     |              |           |             |             |   |                      |
| T3-1         | 140                 | M0           | M2        | M0          | M2,5        | 0   | 145                  |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M2</b> | <b>M0</b>   | <b>M2,5</b> | <b>0</b>                                    | <b>145</b>           |

## 2.13 Giesecke & Devrient

|  |                                   |
|--|-----------------------------------|
| <b>Partner:</b> Giesecke & Devrient              | <b>Author:</b> Christoph SCHILLER |
| <b>Period:</b> October 15, 2002 - March 31, 2003 | <b>Date:</b> 15/04/2003           |

### 2.13.1 Work accomplished this period

| WP/ Task   | Actions   |
|------------|---|
| <b>WP1</b> | <b>Project Management</b>   |
| T1-1       | Project Management :<br><ul style="list-style-type: none"> <li>- participated in board meetings in Paris</li> <li>- presented WP 4 summary in Paris</li> <li>- delivered reports</li> <li>- organized project</li> <li>- phone conferences</li> </ul> |
| T1-2       | Technical Management<br><ul style="list-style-type: none"> <li>- participated in meetings in Paris</li> </ul>   |
| <b>WP2</b> | <b>Dissemination &amp; Exploitation</b>   |
| T2-1       | Dissemination Tools Implementation Report<br><ul style="list-style-type: none"> <li>- no activities</li> </ul>  |
| T2-2       | Dissemination Activities<br><ul style="list-style-type: none"> <li>- promoted project in Germany</li> </ul>   |
| T2-3       | Exploitation Activities<br><ul style="list-style-type: none"> <li>- no activities</li> </ul>  |
| <b>WP3</b> | <b>Requirements</b>   |
| T3-1       | Requirements Analysis<br><ul style="list-style-type: none"> <li>- shifted to WP 4, results added in WP 4 deliverables</li> </ul>  |
| T3-2       | Definition of the project perimeter and requirements<br><ul style="list-style-type: none"> <li>- shifted to WP 4, results added in WP 4 deliverables</li> </ul>   |
| <b>WP4</b> | <b>Specifications &amp; design</b>  |

|            |   |
|------------|---|
| T4-1       | <b>Specification of Overall Architecture</b> <ul style="list-style-type: none"> <li>- no activities</li> </ul>  |
| T4-2       | <b>Specification of External Interface</b> <ul style="list-style-type: none"> <li>- wrote and coordinated contributions to D 4.2</li> <li>- merged D 4.2 contributions and comments, finished document D4.2</li> <li>- organized review of D 4.2</li> <li>- finished document according to review</li> <li>- delivered the full, approved, and final D 4.2 document called "<b>External Communication Interface</b>"</li> </ul>                 |
| T4-3       | <b>Specification of relations between core components</b> <ul style="list-style-type: none"> <li>- wrote and coordinated contributions to D 4.3</li> <li>- merged D 4.3 contributions and comments, finished document D4.3</li> <li>- organized review of D 4.3</li> <li>- finished document according to review</li> <li>- delivered the full, approved, and final D 4.3 document called "<b>Internal Functional Specification</b>"</li> </ul> |
| <b>WP5</b> | <b>Implementation</b>   |
| T5-1       | Development of the components <ul style="list-style-type: none"> <li>- 1 PM shifted to WP 4</li> <li>- participated in technology choice discussion</li> <li>- tracked open issues and wrote clarifications on WP 4 specifications for WP 5</li> <li>- input for WP 5 planning alternatives</li> </ul>  |
| T5-2       | Support on developed components <ul style="list-style-type: none"> <li>- no activities</li> </ul>   |
| <b>WP6</b> | <b>Integration</b>  |
| T6-1       | Initial integration report <ul style="list-style-type: none"> <li>- studied draft</li> </ul>  |
| <b>WP8</b> | <b>Guidelines for Security &amp; Homologation</b>   |
| T8-1       | Scope of the homologation process <ul style="list-style-type: none"> <li>- no activities</li> </ul>   |
| T8-2       | Stating of the Security requirements <ul style="list-style-type: none"> <li>- no activities</li> </ul>  |

### 2.13.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>                         | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|--|---------------------------------------|
| WP4/T4-2        | 30.11.2003 | D4.2 « External Communication Interfaces » | Final                                 |
| WP4/T4-3        | 30.11.2003 | D4.3 « Internal Functional Specification » | Final                                 |
| WP1/T1-1        | 15.04.2003 | D.1.1.2 « Management Report 2 »            | Draft                                 |

### 2.13.3 Effort for this Reporting Period (15. October 2002 to 31. March 2003)

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources |
|--------------|---------------------|--------------|------------|-------------|------------|---|----------------------|
|              |                     | Start        | End        | Start       | End        |   | Since start          |
| <b>WP1</b>   |                     |              |            |             |            |   |                      |
| T1-1         | 70                  | M0           | M20        | M0          | M20        | 53  | 70                   |
| T1-2         | 70                  | M0           | M20        | M0          | M20        | 15  | 70                   |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>68</b>                                   | <b>140</b>           |
| <b>WP2</b>   |                     |              |            |             |            |   |                      |
| T2-2         | 28                  | M2           | M20        | M2          | M20        | 3   | 28                   |
| <b>Total</b> | <b>28</b>           | <b>M2</b>    | <b>M20</b> | <b>M2</b>   | <b>M20</b> | <b>3</b>                                    | <b>28</b>            |
| <b>WP3</b>   |                     |              |            |             |            |   |                      |
| T3-1         | 70                  | M0           | M2         | M0          | M2,5       | 10  | 70                   |
| T3-2         | 70                  | M1,5         | M3         | M5          | M7         | 26  | 70                   |
| <b>Total</b> | <b>140</b>          | <b>M0</b>    | <b>M3</b>  | <b>M0</b>   | <b>M7</b>  | <b>36</b>                                   | <b>140</b>           |
| <b>WP4</b>   |                     |              |            |             |            |   |                      |
| T4-1         | 400                 | M2           | M3,5       | M3          | M4,5       | 0   | 400                  |
| T4-2         | 200                 | M3,5         | M6         | M4,5        | M7         | 0   | 200                  |
| T4-3         | 184                 | M3,5         | M6         | M4,5        | M7         | 83,5  | 184                  |
| <b>Total</b> | <b>784</b>          | <b>M2</b>    | <b>M6</b>  | <b>M3</b>   | <b>M7</b>  | <b>83,5</b>                                 | <b>784</b>           |
| <b>WP5</b>   |                     |              |            |             |            |   |                      |
| T5-1         | 280                 | M5           | M12        | M5          | M8         | 280   | 280                  |
| <b>Total</b> | <b>280</b>          | <b>M5</b>    | <b>M12</b> | <b>M5</b>   | <b>M8</b>  | <b>280</b>                                  | <b>280</b>           |
| <b>WP6</b>   |                     |              |            |             |            |   |                      |
| T6-1         | 140                 | M2           | M18        | -           | -          | 8   | 16                   |
| <b>Total</b> | <b>140</b>          | <b>M2</b>    | <b>M18</b> | <b>-</b>    | <b>-</b>   | <b>8</b>                                    | <b>16</b>            |
| <b>WP8</b>   |                     |              |            |             |            |   |                      |
| T8-2         | 0                   | M0           | M17        | -           | -          | 0   | 8                    |
| <b>Total</b> | <b>0</b>            | <b>M0</b>    | <b>M17</b> | <b>-</b>    | <b>-</b>   | <b>0</b>                                    | <b>8</b>             |

## 2.14 ON-X

|  |                                |
|--|--------------------------------|
| <b>Partner:</b> ON-X                             | <b>Author:</b> Paul-André PAYS |
| <b>Period:</b> November 1, 2002 – March 31, 2003 | <b>Date:</b> 04/04/2003        |

### 2.14.1 Work accomplished this period

| WP/ Task   | Actions   |
|------------|---|
| <b>WP1</b> | <b>Project Management</b><br><i>A lot of unexpected additional work was caused by the very difficult setting up of the development activities (WP5) and the need of additional Technical and Steering Board meetings And preparatory work!</i>            |
| T1-1       | <i>Project Management</i><br><ul style="list-style-type: none"> <li>• <b>Participation to the 3 EUPKI consortium meetings (November 2002, February 2003, march 2003) plus the project review meeting in Brussels</b></li> </ul>                           |
| T1-2       | <i>Technical Management</i><br><ul style="list-style-type: none"> <li>• <b>Participation to the 4 EUPKI technical boards and or meeting (November 2002, February 2003, 3 in march 2003)</b></li> </ul>  |
| <b>WP2</b> | Dissemination & Exploitation  |
| T2-1       | Dissemination Tools Implementation Report<br><ul style="list-style-type: none"> <li>• <b>Contribution of comments to the report</b></li> <li>• <b>Presentation &amp; discussion with the Ministry of Economy in Luxembourg (february 2003)</b></li> </ul> |

|            |   |
|------------|---|
| <b>WP6</b> | <b>Integration</b><br><i>The actual workload after one year is much lower than expected (no activities in T6-3+) because it has not yet been possible to perform actual integration so far due to the delayed WP5 deliveries</i>  |
| T6-1       | Technical Integration Coordination /Architectural Framework Implementation <ul style="list-style-type: none"><li>• <b>Coordination of the integration WP activities</b></li></ul>   |
| T6-2       | Preparatory activities : <ul style="list-style-type: none"><li>• <b>design and implementation of the integration platform (internal to ON-X and to be used by WP6)</b></li><li>• <b>Adjustment of the integration guidelines and procedure document to reflect the technology changes</b></li></ul> |

### 2.14.2 Deliverables due this period

| <b>WP/ Task</b> | <b>Due</b> | <b>Deliverable</b>              | <b>Status (Final, Draft, Pending)</b> |
|-----------------|------------|---------------------------------|---------------------------------------|
| WP1 / T1-1      | M7         | D.1.1.1 : « Management report » | Draft                                 |

### 2.14.3 Effort for this Reporting Period

| WP/Task          | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources |
|------------------|---------------------|--------------|------------|-------------|------------|---|----------------------|
|                  |                     | Start        | End        | Start       | End        |   | Since start          |
| <b>WP1</b>       |                     |              |            |             |            |   |                      |
| T1-1             | 70                  | M1           | M18        | M1          | M18        | 38  | 70                   |
| T1-2             | 70                  | M1           | M18        | M1          | M18        | 34  | 80                   |
| <b>Total</b>     | <b>140</b>          | <b>M1</b>    | <b>M18</b> | <b>M1</b>   | <b>M18</b> | <b>72</b>                                   | <b>150</b>           |
| <b>WP2</b>       |                     |              |            |             |            |   |                      |
| T2-1             | 140                 | M1           | M18        | M1          | M18        | 30  | 30                   |
| T2-2             | 0                   | M1           | M18        | M1          | M18        | 0   | 0                    |
| <b>Total</b>     | <b>140</b>          | <b>M1</b>    | <b>M18</b> | <b>M1</b>   | <b>M18</b> | <b>30</b>                                   | <b>30</b>            |
| <b>WP6</b>       |                     |              |            |             |            |   |                      |
| T6-1             | 600                 | M2           | M17        |             |            | 116   | 496                  |
| T6-2             | 540                 | M3           | M14        |             |            | 140   | 536                  |
| T6-3             | 600                 |              |            |             |            | 38  | 38                   |
| T6-4             | 800                 |              |            |             |            |   |                      |
| T6-5             | 600                 |              |            |             |            |   |                      |
| T6-6             | 200                 |              |            |             |            | 24  | 24                   |
| T6-7             | 300                 |              |            |             |            |   |                      |
| <b>Total</b>     | <b>3640</b>         | <b>M2</b>    | <b>M18</b> | <b>M2</b>   | <b>M18</b> | <b>318</b>                                  | <b>1094</b>          |
| <b>Tot. Gral</b> | <b>3920</b>         |              |            |             |            | <b>420</b>                                  | <b>1274</b>          |

## 2.15 EADS-TELECOM

|   |                                |
|---|--------------------------------|
| <b>Partner:</b> EADS-TELECOM                                    | <b>Author:</b> Didier BONNEROT |
| <b>Period:</b> November 1, 2002 – March 31 <sup>st</sup> , 2003 | <b>Date:</b> 31/03/2003        |

### 2.15.1 Work accomplished this period

| WP/ Task   | Actions  |
|------------|--|
| <b>WP1</b> | <p><b>Project Management</b></p> <p><i>A lot of unexpected additional work was caused by the very difficult setting up of the development activities (WP5) and the need of additional Technical and Steering Board meetings And preparatory work!</i></p>  |
| T1-1       | <p><i>Project Management</i></p> <ul style="list-style-type: none"> <li>• <b>Participation to the 3 EUPKI consortium meetings (November 2002, February 2003, march 2003) plus the project review meeting in Brussels</b></li> </ul>  |
| T1-2       | <p><i>Technical Management</i></p> <ul style="list-style-type: none"> <li>• <b>Participation to the 4 EUPKI technical boards and or meeting (November 2002, February 2003, 3 in March 2003)</b></li> </ul>   |
| <b>WP2</b> | <p><b>Dissemination &amp; Exploitation</b></p>   |
| T2-1       | <p>Dissemination Tools Implementation Report</p> <ul style="list-style-type: none"> <li>• <b>Contribution of comments to the report</b></li> </ul>   |
| <b>WP4</b> | <p><b>Specifications &amp; design</b></p> <ul style="list-style-type: none"> <li>• <b>Contribution of comments to the report</b></li> </ul>  |
| T4-1       | <p>Overall Architecture</p> <ul style="list-style-type: none"> <li>• <b>Contribution of comments to the report</b></li> <li>• <b>Contribution to the rationale document (Java, bouncyCastle, Jboss)</b></li> <li>• <b>Contribution of a modified architecture proposal for the recovery plan</b></li> <li>•</li> </ul> |

|            |  |
|------------|--|
| <b>WP6</b> | <b>Integration</b><br><i>The actual workload after one year is much lower than expected (see T63+) because it has not yet been possible to perform actual integration so far due to the delayed WP5 deliveries</i>   |
| T6-1       | Technical Integration Coordination /Architectural Framework Implementation <ul style="list-style-type: none"> <li>• <b>Coordination of the integration WP activities</b></li> </ul>  |
| T6-2       | Preparatory activities : <ul style="list-style-type: none"> <li>• <b>design and implementation of the integration platform (internal to ON-X and to be used by WP6)</b></li> <li>• <b>Adjustment of the integration guidelines and procedure document to reflect the technology changes</b></li> </ul> |

### 2.15.2 Deliverables due this period

| WP/ Task   | Due | Deliverable                              | Status (Final, Draft, Pending) |
|------------|-----|--|--------------------------------|
| WP1 / T1-2 | M7  | D.1.21 : « Technical Management report » | Final                          |

### 2.15.3 Effort for this Reporting Period

| WP/Task      | Planned Effort (mh) | Planned Date |            | Actual Date |            | Human resources in Person Hours This Period | Cumulative Resources Since start |
|--------------|---------------------|--------------|------------|-------------|------------|---|----------------------------------|
|              |                     | Start        | End        | Start       | End        |   |                                  |
| <b>WP1</b>   |                     |              |            |             |            |   |                                  |
| T1-1         | 42                  | M0           | M20        | M0          | M20        | 8   | 72                               |
| T1-2         |                     | M0           | M20        | M0          | M20        | 48  | 76                               |
| <b>Total</b> | <b>42</b>           | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>56</b>                                   | <b>148</b>                       |
| <b>WP2</b>   |                     |              |            |             |            |   |                                  |
| T2-1         | 0                   | M0           | M2         | M0          | M2         | 0   | 0                                |
| T2-2         | 42                  | M2           | M20        | M2          | M20        | 0   | 0                                |
| <b>Total</b> | <b>42</b>           | <b>M0</b>    | <b>M20</b> | <b>M0</b>   | <b>M20</b> | <b>0</b>                                    | <b>0</b>                         |
| <b>WP6</b>   |                     |              |            |             |            |   |                                  |
| T6-1         | 300                 | M0           | M18        | M2          | M18        | 52  | 60                               |
| T6-2         | 100                 | M3           | M13        | M2          | M13        | 33  | 93                               |
| T6-3         | 100                 | -            | -          | -           | -          | 20  | 20                               |
| T6-4         | 100                 | -            | -          | -           | -          | 0   | 0                                |
| T6-5         | 100                 | -            | -          | -           | -          | 0   | 0                                |
| T6-6         | 50                  | -            | -          | -           | -          | 10  | 10                               |
| T6-7         | 6                   | -            | -          | -           | -          | 0   | 0                                |
| <b>Total</b> | <b>756</b>          | <b>M0</b>    | <b>M18</b> | <b>M0</b>   | <b>M18</b> | <b>115</b>                                  | <b>183</b>                       |

### **3 Management overview**

#### **3.1 Issues encountered during this period and solutions**

##### **3.1.1 Review Meeting: Action Plan**

The 3rd of December 2002 saw our first Review Meeting. Three experts mandated by the European Commission gathered to analyse and audit our deliverables, achievements and stick to objectives.

Globally, one minutes documents made the summary of their recommendations. Following these recommendations, the Technical, Dissemination and Steering Boards built one Action Plan as an answer to take these recommendations into account.

Our action plan was set up through 3 major points:

- Ask for a longer duration of the project: a new planning is being set up, with new deadlines and corner stones. This new organization, taking into account the fact that WP5 starts the implementation from scratch, will be formalized in a Hard Amendment to our contract.
- Improvement of the Dissemination tools and initiatives of the project: a new website has been built, with new functionalities allowing to communicate more efficiently our achievements. The global Dissemination force and strategy is being reviewed by WP2.
- Conflict resolution procedure: the tension between some members on intellectual property matters has been raised up. WP1 had consequently the task to find a solution to the issue. This solution has been the change of name of project's dissemination under "EuropePKI". This Steering Board's decision is being implemented by all members.

##### **3.1.2 Consortium Agreement**

To avoid any other conflict about pre-existing know-how and intellectual properties, all the information related to this topic has been put in an official and member-ratified document: the Consortium Agreement.

Not part of the deliverable, this document however stands as a legal annex to the contract.

### **3.1.3 Change of the dissemination name**

Following the decision of the Steering Board, from the 7<sup>th</sup> of March 2003:

- The project and the associated consortium keep the same name: "EuPKI IST 2001 34340"
- All the deliverables related to this project are designed under "EuropePKI"
- All the dissemination initiatives related to this project make reference to "EuropePKI" as well as the dissemination tools (the websites are available under [www.europepki.org](http://www.europepki.org) .net and .com, the [www.eupki.org](http://www.eupki.org) is redirected to the former).
- GIP-MDS writes an official letter to the European Commission to inform it of this adaptation of the communication policy of the project, with no modification to the initial contract
- This policy is implemented ASAP by all the members and reflected in the Consortium Agreement currently discussed.

### **3.2 Management and cost reports**

GIP-MDS, as the project coordinator, has asked all the members to transmit global management and cost reports each month. These reports follow the templates provided by WP1 and displayed in the first WP1 deliverable: the Quality Management Plan.

More than that, each Work Package leader asks for cost reports each month to check the allocation of the human resources for the considered Work Package.

### **3.3 Global Coordination and reporting effort to the European Commission**

To assume an efficient coordination and to allow the European Commission to be aware of the progress in the project, regular meetings are organized with the project's EC coordinator, Mr. Junger.

Moreover, regular mails are meant to signal any problem encountered.

The European Commission is regularly informed of the last achievements of the consortium by phone.

## **4 Action plans for the continuation of the project**

The next steps are focused mainly on the production of the code, as far as WP5 is concerned.

Our goal is to maintain the overall industrial quality of it, with regular audit and analysis of the code together with quality integration process.

Any module to be integrated will be qualified and unit tested. The code will be also seriously documented.

The delivery planning of WP5 engage the collaboration of the consortium to engage common initiatives to open the source as soon as possible to potential Open Source Communities. This step will allow an involvement and feed-back from potential contributors enough soon to ensure a good perennization of the product.

WP6 has the goal to set up all the tools necessary for integration and the responsibility to set up CVS 2 server, the official portal to download EuropePKI labeled releases.

Demonstration phasis (WP7) will be a final major corner stone to demonstrate our achievements and success.

## **5 Conclusions**

This second period of the EuropePKI project has led to walk through several steps. Our technical achievements do not fail our objectives and our goal has not stopped to be more and more precise.

EuropePKI has crossed its first major issue, with a small but considerable clash and consecutive crisis. The energies gathered around our project lead to cross it safely and we only assume a latency above 3 weeks but no particular damage to our achievements. On the contrary, this crisis helped us setting up all the efficient management tools through the three particularly solicited Boards.

The actors of that project are still involved and motivated. Their different profiles and skills are but a considerable asset to take advantage of their complementarity.

No major point has to be raised concerning Management Aspects, even if this management is not always easy, because of the many differences in the members' points of view. Anyway, the balance between the different partners has always proved to be profitable for the project.

The technical level of the production is to confirm the deep involvement of our technical providers.

We are really still motivated to be part of one of the most important and ambitious PKI Open Source project ever settled in Europe.