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#### **Executive Summary**

#### Main achievements

During this sixth project reporting period, covering September 2005 to November 2005, the eu-DOMAIN project has proceeded to schedule with the project continuing its focus upon the development of the eu-DOMAIN system components from the Client and Server Side's architecture specifications:

- The implementation of the eu-Domain client and server software has been further progressed. A key milestone has been reached with task T3.2 having been completed to schedule with the finalisation of the OSGi Framework deliverable.
- Business modelling has been continued
- The recommendations from the first annual review report in Budapest have been implemented and the required annexes to deliverables D2.4 and D2.5 completed
- Preparations for the undertaken of the EASW workshops have been undertaken
- A technology and competitor watch has been maintained to ensure that the development of the eu-DOMAIN system takes account of evolving technologies and that its business models remain ahead in the potential marketplace
- The project's dissemination and use plans have been updated and the well established dissemination programme and project website have been further enhanced.

#### Progress in implementation of the 'Description of Work'/Problems encountered

The project's workplan has in the main progressed as intended. The first annual review report recommendations have been implemented and the outcomes of this are being impacted upon the project's business modelling. Deliverable D6.1- Proposed business models and business cases had been rescheduled from month 15 to month 19 (to fully reflect the project's take-on of the reviewers recommendations) and it has logically followed that the anticipated draft version of deliverable D9.6 – Exploitation plan can only be delivered once D6.1 is complete. As a result D9.6 will now also be deferred until month 19. This has no impact on the timescales for the project or any other individual deliverables.

The project's resource usage is running within plan. Actual person-months for this point in the project are running in-line with the project's planned months.

### Highlights/anticipated problems for next reporting period

It is anticipated that during the next reporting period (December 2005 to February 2006) the project's work will continue to schedule with no deviations from plan:

- The implementation of the eu-Domain client software will be brought to its conclusion with the completion of task T3.3 and deliverable D3.3 – Design guidelines and navigation for device interaction
- The implementation of the eu-Domain server software will be progressed with the completion of task T4.2 and deliverable D4.3 – Network intelligence, database and user interfaces
- The project's healthcare scenario demonstrator build will be continued.
- Business modelling will be completed and deliverables D6.1 Proposed business models and business cases and D9.6 – Draft exploitation plan finalised
- Preparations for the undertaken of the EASW workshops will be completed
- The dissemination programme will be updated and the project website will be further enhanced.

#### 1 – Overview

## 1.1 Objectives attainment

eu-DOMAIN has continued to achieve its aims with progress against the set objectives as follows:

| Objectives  | Progress towards achieving objectives  |
|---|--|
| Continue the project's operational project management | The project is progressing under its sound managerial framework.  Each and every project partner continues to play their full role in the project. The project is currently running to schedule. |
| Develop business models for eu-DOMAIN deployment      | The business modelling has been progressed and will be completed during the next quarterly reporting period in line with the rescheduled completion date of month 19.                            |
| Progress the build of the eu-DOMAIN system            | The building of both the client and server-side system components has been progressed. The OSGi framework development has been completed to schedule.  |
|   | The client side architecture will be completed to schedule during the next quarterly reporting period  |
|   | The industrial scenario demonstrator has been updated and preparation for the healthcare demonstrator build further progressed.  |
| Run EASW workshops                                    | <ul> <li>Preparation for these meetings has been progressed and attendees<br/>lists are being finalised in readiness for the workshops to be run on<br/>schedule.</li> </ul>                     |
| Progress the project's dissemination framework        | Dissemination activities have been continued by the partners in line with the project's Dissemination and Use Plan.  |

#### 1.2 - Summary of work done in this reporting period

The project's workplan has progressed to schedule this period with Workpackages 1, 3, 4, 6, 9 and 10 further progressed. An updated project Gantt chart is provided in Annex A.

| Work Package   | Activity status  |  |
|--|--|--|
| WP1 Project Management   |  |  |
| T1.2 Operational Project<br>Management and T1.3<br>Project reporting | This has been on-going throughout the reporting period. The 5 <sup>th</sup> full project consortium meeting was held in Copenhagen in September. |  |
| WP3 Client side architecture   |  |  |
| T3.2 OSGI framework on gateways                                      | Development and testing of the gateway bundles has now been completed on schedule.   |  |

| T3.3 Research new devices, interactions      | This activity has been on-going and is being progressed throughout the software development to ensure that the project keeps abreast with state of the art developments. This task and deliverable D3.3 - Design guides and navigation for device interaction will be completed during the next quarterly reporting period. |  |  |
|--|---|--|--|
| WP4 Server side architectu                   | re  |  |  |
| T4.2 Network intelligence pool and databases | This task has been continued to schedule and will be completed during the next quarterly reporting period.  |  |  |
| T4.3 Application intelligence / Web services | This task has been progressed to schedule with the detailed specification of eu-DOMAIN rules engine and the healthcare scenario demonstrator further progressed.  |  |  |
| WP6 Socio-economic issues                    |   |  |  |
| T.6.1 Business modelling                     | This task has been progressed following its completion date being rescheduled for month 19. Two workshops have been held with the user partners and the outcomes of these are currently being impacted on the business modelling. This task will be completed during the next quarterly reporting period.                   |  |  |
| WP9 Dissem. & exploitation                   |   |  |  |
| T9.1 Dissemination                           | The project's planned dissemination programme has been continued and has included the incorporation of an eu-DOMAIN gateway demonstrator into the dissemination website.  |  |  |
| T9.2 Exploitation                            | The project's exploitation plan has been undergoing its first drafting and the first version will be available during the next quarter to allow for its alignment with deliverable D6.1.  |  |  |
| WP10 Review and assessm                      | nent  |  |  |
| T10.1 On-going project review                | Final outcomes assessment of Workpackage 2 continues to be impacted upon the projects continuing activities.  |  |  |

### 1.3 Summary of work planned for the next reporting period (Dec.05 to Feb.06)

It is anticipated that the work schedule for the next reporting period will progress to plan as follows:

| Work Package                                     | Activity status   |
|--|---|
| WP1 Project Management                           |   |
| T1.2 Operational P.M. and T1.3 Project reporting | On-going throughout next reporting period. The 6 <sup>th</sup> full project consortium meeting will be held in Valladolid in January.             |
| WP3 Client side architecture                     |   |
| T3.3 Research new device interactions            | This task will be completed during the next quarter and deliverable D3.3 - Design guides and navigation for device interaction will be finalised. |
| WP4 Server side architecture                     |   |
| T4.2 Network intelligence pool and databases     | This task will be completed during the next quarter and deliverable D4.3 – Network intelligence, database and user interfaces will be finalised.  |
| T4.3 Application intelligence / Web services     | This task will continue to plan with healthcare demonstrator and rule engine development.   |

| WP5 Communications infrasti              | ructure   |  |  |
|--|---|--|--|
| T5.1 Set up fixed/mobile comms. networks | The definition of the eu-DOMAIN communication infrastructure architecture will be progressed (to be finished by March 2006).  |  |  |
| WP6 Socio-economic issues                |   |  |  |
| T6.1 Business modelling                  | This task will be completed during the next quarter and deliverable D6.1 – Proposed business models and business cases will be finalised.   |  |  |
| T6.2 European awareness scenario w/shops | This task will continue to plan with the finalisation of the preparation activities necessary for the workshops to be held.   |  |  |
| WP9 Dissemination & exploitation         |   |  |  |
| T9.1 Dissemination and T9.2 Exploitation | The project's dissemination and use programme will be further progressed in line with the project's DUP. The project website will be maintained and enhanced and the initial version of the eu-DOMAIN exploitation plan will be produced. |  |  |
| WP10 Review and assessment               |   |  |  |
| T10.1 On-going project review            | The project's evaluation and assessment for the conclusion of Workpackage 3 will be completed.  |  |  |

#### 1.4 Milestones

The project's target milestone for this reporting period was to complete the OSGi framework and this has been achieved to plan. Cumulative progress against the project's milestones is shown in Annex A.

| Milestone   | Planned<br>month | Actual<br>month | Comments                  |
|---|------------------|-----------------|---------------------------|
| M3.2 OSGi framework is operational with testing bundles | 18               | 18              | OSGi Framework completed. |

#### 1.5 Deliverables

The scheduled deliverables for this reporting period are shown below. It was also planned to complete D9.6 – Draft exploitation plan, however, in order to take account of the rescheduled proposed business models to month 19 (as previously reported) this deliverable has also been rescheduled to month 19.

Cumulative progress against the project's deliverables schedule is shown in Annex A.

| De   | eliverable Code & Name                      | Planned<br>month | Complete<br>month | Comments   |
|------|---|------------------|-------------------|--|
| D6.1 | Proposed business models and business cases | 15               |                   | This deliverable has previously been rescheduled and will now be finalised at project month 19 (December 2005).  |
| D9.6 | Draft exploitation plan                     | 16               |                   | This deliverable has been rescheduled, as its completion is dependent upon fully impacting the findings of D6.1. As a result this deliverable will now be finalised at project month 19 (December 2005). |

| D2.4A | Annex to trust and security requirements        | 18 | 18 | Completed.                   |
|-------|---|----|----|------------------------------|
| D2.5A | Annex to societal requirements                  | 18 | 18 | Completed.                   |
| D3.2  | Gateway OSGi framework and device communication | 18 | 18 | Completed.                   |
| D9.3  | Plan for using and disseminating knowledge      | 18 | 18 | Updated version at month 18. |

## 1.6 Deviations from Plan

| Causes and Description   | Corrective actions   |
|--|--|
| To properly take account of the project's business modelling phase and deliverable D6.1 findings, the planned initial draft version of deliverable D9.6 - Exploitation plans has been rescheduled to project month 19 (December 2005). | overall timescales or the delivery of any other deliverables, as D6.1 and D9.6 will still be finalised prior to the EASW workshops which are intended to |
| Additional months of effort have been incurred under workpackage 2 to complete the actions recommended at the first annual review in Budapest.   | The partners have absorbed this effort within existing resources and this will have no impact on the project's costs or timescales.                      |
| Forth's total planned month allocation was inadvertently underestimated in the DOW.  | Planned months have been increased from 42.8 to 52.8. This does not impact the project's budgeted costs in any way.                                      |

### 2 - Contractual Arrangements

No contractual issues have arisen.

3 - Project Meetings/Visits (held and foreseen)

| Title   | Data and Place   | Main conclusions   |
|---|--|--|
| Presentation at Trieste<br>Science Park, Italy      | 2 <sup>nd</sup> September 2005                                   | 30 Attendees briefed.  |
| 5 <sup>th</sup> Project steering meeting            | 12 <sup>th</sup> -13 <sup>th</sup> September 2005 in Copenhagen. | Workplan agreed for next 3 months.                                   |
| Project technical meeting                           | 15 <sup>th</sup> October 2005, Bruxelles                         | Discussion on agreement of rules engine structure and functionality. |
| Workshop with "Dansk Jordbrugsforskning", Aarhus    | 1st November 2005  | 10 Participants.   |
| IT Security and Pervasive Communication, Copenhagen | 15 <sup>th</sup> November 2005                                   | 30 Participants.   |
| 6 <sup>th</sup> Project steering meeting            | January in Valladolid.   |  |

### 4 - Dissemination / Promotional Information

## 4.1 Conferences and/or Workshops attended/organised/foreseen by the project

| Date           | Title  | Number of persons attended + other  |
|----------------|--|---|
|                |  | information   |
| September 2005 | MobileHCl'05 conference, Salzburg.   | T-Connect participated in the 4th Workshop on "HCI in Mobile Guides".   |
| September 2005 | eu-DOMAIN domains  | The eu-DOMAIN domains were presented in an innovation meeting hosted in Telefónica.   |
| October 2005   | The eu-DOMAIN project  | The eu-DOMAIN project was presented on a workshop hosted at Telefónica.   |
| November 2005  | IFMBE European Conference on Biomedical Engineering, Prague, Czech Republic, | FORTH attended for a poster presentation - R&D challenges in developing an ambient intelligence eHealth platform.   |
| February 2006  | INNOVACTION fair in Udine  | T-CON will participate in the INNOVACTION fair in Udine as an expositor and will dedicate two days in the promotion of research activities done for the project |

## 4.2 Articles Published, Press coverage, development web sites, etc.

| Date and Type                                 | Details   |  |  |
|---|---|--|--|
| Website                                       | Continuously updated. On-line publication of gateway demonstrator.  |  |  |
| January 2006 - Trieste - magazine publication | T-Connect will write an article about the eu-DOMAIN project for<br>the AREA Science Park Magazine. This periodical publication is<br>distributed to all AREA tenants. |  |  |

#### 5 - Main results

| Description                              | Details   |
|--|---|
| Eu-DOMAIN OSGI<br>framework<br>completed | Client-side OSGi framework is now operational with testing bundles  |
| Annual review annexes completed          | The annexes to deliverables D2.4 and D2.5 have been finalised in line with the recommendations of the first annual review |

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## 6 - Project Effort

The project's resource usage to date is running within plan. Actual person-months for this point in the project are running in-line with planned months. Some unplanned months have been incurred under workpackage 2 to cover the recommendations of the first annual review but these can be comfortably absorbed by the partners under the planned budget.

| Project effort for this reporting period in Person-months:  A=Actual effort / P = Plan to |      |        |         |          |       |       |      |      |      |      |      |      |      |      |      |      |      |      | Manag<br>Activ |      |       |       |
|---|------|--------|---------|----------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|-------|-------|
|   |      | Innova | ation A | ctivitie | S     |       |      |      |      |      |      |      |      |      |      |      |      |      |                |      | TOT   | ΓALS  |
|   | WP   | 02     | WP      | 03       | WF    | 04    | WP   | 05   | WP   | 06   | WF   | 07   | WP   | 80 9 | WF   | 09   | W    | P10  | WP             | 01   |       |       |
| Contractor  | Α    | Р      | Α       | Р        | Α     | Р     | Α    | Р    | Α    | Р    | Α    | Р    | Α    | Р    | Α    | Р    | Α    | Р    | Α              | Р    | Α     | Р     |
| C International (CO)  | 0.40 | 0.00   | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.40 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.50 | 0.25 | 0.33 | 1.50           | 1.50 | 2.80  | 2.93  |
| Innova S.p.A.   | 1.00 | 0.00   | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 1.50 | 2.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.17 | 0.00           | 0.03 | 2.50  | 3.33  |
| In-JeT ApS  | 0.80 | 0.00   | 0.20    | 0.07     | 0.30  | 0.67  | 0.00 | 0.00 | 1.60 | 1.15 | 0.00 | 0.00 | 0.10 | 0.00 | 0.20 | 0.31 | 0.00 | 0.29 | 0.40           | 0.27 | 3.60  | 2.76  |
| University of Aarhus  | 1.24 | 0.00   | 4.52    | 4.62     | 0.12  | 1.25  | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.00 | 0.18 | 0.27           | 0.03 | 6.15  | 6.45  |
| Foundation for Research and<br>Technology – Hellas  | 0.00 | 0.00   | 2.50    | 3.00     | 2.50  | 2.75  | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.17 | 0.00           | 0.03 | 5.00  | 6.17  |
| CNet Svenska AB   | 0.00 | 0.00   | 0.10    | 0.18     | 1.50  | 3.50  | 0.00 | 0.00 | 0.10 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.25 | 0.10 | 0.23 | 0.50           | 0.01 | 2.60  | 4.26  |
| T-connect s.r.l.  | 0.00 | 0.00   | 3.10    | 0.25     | 3.40  | 0.50  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.09 | 0.00 | 0.08 | 0.20           | 0.03 | 6.90  | 0.95  |
| Software AG Belgium SA  | 0.00 | 0.00   | 0.00    | 0.00     | 3.11  | 2.25  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.13 | 0.10           | 0.03 | 3.26  | 2.41  |
| Telefónica I+D  | 0.30 | 0.00   | 1.70    | 0.88     | 2.50  | 1.27  | 0.30 | 3.00 | 0.00 | 0.09 | 0.00 | 0.00 | 1.30 | 0.00 | 0.10 | 0.26 | 0.00 | 0.29 | 0.00           | 0.03 | 6.20  | 5.82  |
| Grundfos Management A/S   | 0.00 | 0.00   | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.60 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.06 | 0.05           | 0.02 | 0.65  | 0.46  |
| Eastern Birmingham Primary Care<br>Trust  | 0.50 | 0.00   | 0.00    | 0.00     | 0.00  | 0.00  | 0.00 | 0.00 | 0.20 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.01 | 0.05           | 0.02 | 0.75  | 0.41  |
|   | 4.24 | 0.00   | 12.12   | 9.00     | 13.43 | 12.19 | 0.30 | 3.00 | 4.40 | 5.41 | 0.00 | 0.00 | 1.40 | 0.00 | 1.05 | 2.41 | 0.40 | 1.94 | 3.07           | 2.00 | 40.41 | 35.95 |

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| Cumulative effort to date in person-months<br>A=Actual effort / P = Plan to |       |       |       |              |         |       |      |      |       |       |      |      |      |      |      |       |      |      | Manag<br>Activ |       |        |        |
|---|-------|-------|-------|--------------|---------|-------|------|------|-------|-------|------|------|------|------|------|-------|------|------|----------------|-------|--------|--------|
| date  | WE    | 02    |       | Innova<br>03 | tion Ac |       | WP   | 05   | I WP  | 06    | l WF | 07   | WE   | 08   | WE   | 9 09  | l w  | P10  | WP             | 01    | TOT    | TALS   |
| Contractor  | Α     | P     | Α     | Р            | Α       | P     | Α    | Р    | Α     | Р     | Α    | P    | Α    | Р    | Α    | Р     | Α    | Р    | Α              | P     | Α      | Р      |
| C International (CO)  | 2.60  | 2.00  | 0.00  | 0.00         | 0.00    | 0.00  | 0.00 | 0.00 | 1.15  | 1.85  | 0.00 | 0.00 | 0.00 | 0.00 | 1.70 | 2.50  | 1.00 | 1.08 | 9.35           | 9.80  | 15.80  | 17.23  |
| Innova S.p.A.   | 22.68 | 13.00 | 0.00  | 0.00         | 0.00    | 0.00  | 0.00 | 0.00 | 6.25  | 9.38  | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 1.50  | 0.25 | 0.67 | 1.00           | 1.16  | 30.50  | 25.71  |
| In-JeT ApS  | 4.10  | 5.00  | 0.90  | 0.57         | 2.80    | 4.17  | 0.00 | 0.00 | 4.00  | 6.35  | 0.00 | 0.00 | 0.40 | 0.00 | 2.50 | 2.16  | 0.00 | 0.79 | 2.60           | 1.82  | 17.30  | 20.86  |
| University of Aarhus  | 6.49  | 5.00  | 16.43 | 17.37        | 1.79    | 3.50  | 0.00 | 0.00 | 0.00  | 0.09  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28  | 0.20 | 0.68 | 0.52           | 0.36  | 25.43  | 27.28  |
| Foundation for Research and<br>Technology – Hellas***                       | 0.00  | 4.00  | 18.75 | 15.50        | 11.50   | 11.25 | 0.00 | 0.00 | 0.00  | 0.09  | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.63  | 0.25 | 0.67 | 0.10           | 0.16  | 31.00  | 32.30  |
| CNet Svenska AB *   | 4.90  | 4.90  | 1.60  | 1.18         | 21.90   | 22.50 | 0.00 | 0.00 | 0.30  | 0.29  | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 1.50  | 0.80 | 1.23 | 2.20           | 1.02  | 33.20  | 32.62  |
| T-connect s.r.l.  | 1.38  | 0.00  | 8.90  | 6.00         | 8.40    | 6.00  | 0.00 | 0.00 | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 1.25 | 1.29  | 0.15 | 0.33 | 0.60           | 0.43  | 20.68  | 14.05  |
| Software AG Belgium SA  | 0.00  | 0.00  | 0.00  | 0.00         | 10.85   | 11.55 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00  | 0.66 | 0.83 | 0.47           | 0.16  | 12.29  | 12.54  |
| Telefónica I+D**  | 2.92  | 0.00  | 10.82 | 8.38         | 11.76   | 10.87 | 2.70 | 7.00 | 1.20  | 1.29  | 0.00 | 0.00 | 1.30 | 0.00 | 0.45 | 0.71  | 0.30 | 1.29 | 0.12           | 0.18  | 31.57  | 29.72  |
| Grundfos Management A/S   | 2.38  | 4.00  | 2.00  | 0.00         | 0.00    | 0.00  | 0.00 | 0.00 | 0.64  | 0.31  | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.67  | 0.22 | 0.31 | 0.20           | 0.14  | 5.69   | 5.43   |
| Eastern Birmingham Primary Care<br>Trust                                    | 2.83  | 4.00  | 0.60  | 0.00         | 0.00    | 0.00  | 0.00 | 0.00 | 0.24  | 0.31  | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.67  | 0.22 | 0.11 | 0.19           | 0.14  | 4.33   | 5.23   |
|   | 50.28 | 41.90 | 60.00 | 49.00        | 69.00   | 69.84 | 2.70 | 7.00 | 13.78 | 19.96 | 0.00 | 0.00 | 2.01 | 0.00 | 8.62 | 11.91 | 4.05 | 7.99 | 17.35          | 15.37 | 227.79 | 222.97 |

<sup>\*</sup>CNet actuals include sub-contracted months carried out by ACT which were not included in the DOW for WP2. Their planned months have been adjusted by 4 months to date to account for this.

<sup>\*\*</sup>TID planned months include some months transferred from WP5, as realted work commneced early in the project under WP2,3 and 4.

<sup>\*\*\*</sup> Forth's planned months have been adjusted from original plan of 42.8 to 52.8 as there was an underestimate. This does not impact the projects budget in anyway.

# Annex A

# A.1 Cumulative status of Project Milestones

| Milestone  | Planned month | Actual<br>month | Comments   |
|--|---------------|-----------------|--|
| M1.1 Acceptance of the consortium agreement by all partners.   | 1             | 3               |  |
| M1.2 PID produced for kick off meeting.  | 2             | 1               | Project successfully initiated – kick-off meeting 21 <sup>st</sup> & 22 <sup>nd</sup> June 2004. |
| M1.3 Timely issuance of a Quality Manual to be used in all parts of the project and in all project material.   | 3             | 3               |  |
| M1.4 Timeliness of the planned reviews.  | From 5        |                 | Expected to be attained to schedule  |
| M1.5 Final project report produced.  | 36            |                 | Expected to be attained to schedule  |
| M2.1 Scenarios identifying key technological, socio-<br>economic and business drivers for future technological<br>development have been established and show no adverse<br>impact on the overall concept of the eu-DOMAIN<br>infrastructure. | 3             | 4               | Eight scenarios developed and two identified for implementation and validation.                  |
| M2.2 The comprehensive set of user requirements specifications based on users behaviours and simulated interaction infrastructure ensuring its market exploitation and social acceptance   | 6             | 6               | Specifications successfully derived.<br>Social acceptance to be included in<br>validation work.  |
| M3.1 Software architecture is defined in UML with no major points of conflict with user requirements.  | 9             | 9               | Architecture defined. To be validated in first demonstrator.                                     |
| M3.2 OSGi framework is operational with testing bundles  | 18            | 18              | OSGi Framework completed.  |
| M3.3 Entire client side infrastructure is operational and can be integrated with the server side structure.  | 21            |                 | Expected to be attained to schedule  |
| M41 Software architecture is defined in UML with no major points of conflict with user requirements.   | 9             | 9               | Architecture defined. To be validated in first demonstrator.                                     |
| M4.2 Entire server side infrastructure is operational and can be integrated with the client side structure.  | 20            |                 | Expected to be attained to schedule  |
| M5.1 System architecture approved.   | 26            |                 | Expected to be attained to schedule  |
| M5.2 Network access approved.  | 26            |                 | Expected to be attained to schedule  |
| M5.3 Entire communication infrastructure is operational and can be integrated with the server and client side structure.   | 26            |                 | Expected to be attained to schedule  |
| M6.1 Successful business cases for each of the two user scenarios.   | 15            |                 | Reschedule to month 19 to fully impact first review recommendations.                             |
| M6.2 Successful organisation of European Awareness Scenario Workshops with at least 15 participants in each event.   | 21            |                 | Expected to be attained to schedule  |
| M7.1 Infrastructure testing successful   | 28            |                 | Expected to be attained to schedule  |
| M7.2 Testing and population of user cases successful   | 31            |                 | Expected to be attained to schedule  |
| M8.1 User acceptance of the two user cases.  | 35            |                 | Expected to be attained to schedule  |
| M8.2 At least two potential new users from different domains have emerged and are planning new tests.  | 35            |                 | Expected to be attained to schedule  |
| M9.1 Project presentation completed.   | 3             | 2               |  |
| M9.2 Inaugural conference held   | 2             | 1               |  |
| M9.3 Plan for disseminating and using knowledge.   | 6             | 6               |  |
| M9.4 Final plan for disseminating and using knowledge  | 35            |                 | Expected to be attained to schedule  |
| M10.1 Draft evaluation updated at completion of each   |               |                 | Expected to be attained to schedule  |

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| workpackage.                  |    |                                     |
|-------------------------------|----|-------------------------------------|
| M10.2 Project fully evaluated | 36 | Expected to be attained to schedule |

# A.2 Cumulative status of Project Deliverables

|       | Deliverable Code & Name  | Planned<br>month | Completed<br>month | Comments  |
|-------|--|------------------|--------------------|---|
| D1.1  | Project Quality Plan   | 1                | 3                  | Delivered with progress report QMR1 for first reporting period  |
| D1.2  | Periodic activity, management and financial reports                                      | 12+24+36         |                    | Expected to be delivered to schedule  |
| D1.3  | Quarterly progress reports for the commission  | 3 thru 33        |                    | Expected to be delivered to schedule  |
| D1.4  | Final project report - activity,<br>management and financial (draft &<br>final versions) | 35 & 36          |                    | Expected to be delivered to schedule  |
| D2.1  | User validation framework plan   | 3                | 4                  | Delivered with progress report QMR1 for first reporting period  |
| D2.2  | State of the Art analysis  | 4                | 4                  | Delivered with progress report QMR1 for first reporting period  |
| D2.3  | Functional user requirements specifications  | 6                | 6                  | Delivered with progress report QMR2 for second reporting period   |
| D2.4  | Trust and security user requirements specifications                                      | 6                | 6                  | Delivered with progress report QMR2 for second reporting period   |
| D2.4A | Annex to trust and security requirements   | 18               | 18                 | Recommended by first annual review report. Delivered with progress report QMR6.                                 |
| D2.5  | Societal user requirements specifications.   | 6                | 6                  | Delivered with progress report QMR2 for second reporting period   |
| D2.5A | Annex to societal requirements   | 18               | 18                 | Recommended by first annual review report. Delivered with progress report QMR6.                                 |
| D2.6  | Workflow procedures and potential for innovation   | 6                | 9                  | Delivered with progress report QMR3 for third reporting period (months 6 – 9)                                   |
| D3.1  | Client side architecture specification   | 9                | 9                  | Delivered as combined deliverable with D4.1 with progress report QMR3 for third reporting period (months 6 – 9) |
| D3.2  | Gateway OSGi framework and device communication  | 18               | 18                 | Delivered with progress report QMR6.  |
| D3.3  | Design guides and navigation for device interaction                                      | 21               |                    | Expected to be delivered to schedule  |
| D4.1  | Server side architecture specification   | 9                | 9                  | Delivered as combined deliverable with D3.1 with progress report QMR3 for third reporting period (months 6 – 9) |
| D4.2  | Design Guidelines for user interfaces  | 9                | 9                  | Delivered with progress report QMR3 for third reporting period (months 6 – 9)                                   |
| D4.3  | Network intelligence, database and user interfaces                                       | 20               |                    | Expected to be delivered to schedule  |
| D4.4  | Application intelligence and web service provisioning                                    | 22               |                    | Expected to be delivered to schedule  |
| D5.1  | Communication architecture description   | 21               |                    | Expected to be delivered to schedule  |

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| D5.2  | Prototype of communication infrastructure                                | 26        |   | Expected to be delivered to schedule  |
|-------|--|-----------|---|---|
| D6.1  | Proposed business models and business cases                              | 15        |   | Rescheduled to month 19.  |
| D6.2  | Organised European Awareness<br>Scenario Workshops                       | 22        |   | Expected to be delivered to schedule  |
| D6.3  | Public reports from the EASW<br>Workshops                                | 22        |   | Expected to be delivered to schedule  |
| D6.4  | Validated business models and business cases                             | 22        |   | Expected to be delivered to schedule  |
| D7.1  | Test report of prototype platform  | 31        |   | Expected to be delivered to schedule  |
| D7.2  | Testing platform for validation  | 31        |   | Expected to be delivered to schedule  |
| D7.3  | User validation plan for eu-DOMAIN                                       | 31        |   | Expected to be delivered to schedule  |
| D8.1  | Validation report: The European Service Network                          | 35        |   | Expected to be delivered to schedule  |
| D8.2  | Validation report: Healthcare for tomorrow                               | 35        |   | Expected to be delivered to schedule  |
| D8.3  | Evaluated platform for take-up activities                                | 35        |   | Expected to be delivered to schedule  |
| D8.4  | Take-up guideline and technology watch report                            | 35        |   | Expected to be delivered to schedule  |
| D9.1  | Project presentation   | 2         | 3 | Delivered with progress report for first reporting period   |
| D9.2  | Project website  | 2         | 2 | www.eu-domain.eu.com  |
| D9.3  | Plan for using and disseminating knowledge (drafts at 6 month intervals) | 6 thru 32 |   | Versions delivered with progress report QMR2, QMR4 and QMR6. Further version expected to be delivered to schedule |
| D9.4  | Final plan for using and disseminating knowledge                         | 35        |   | Expected to be delivered to schedule  |
| D9.5  | Raising public awareness report  | 35        |   | Expected to be delivered to schedule  |
| D9.6  | Exploitation plans (Draft and final)                                     | 16 and 34 |   | Draft version rescheduled to month 19.  |
| D10.1 | Evaluation & assessment report   | 12+24+35  |   | Expected to be delivered to schedule  |

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# A.2 Cumulative progress against workplan at end of project month 18 - November 2005

|      | Year/Quarter                            |   | 1/1 |   |   | 1/2 |   | • | 1/3 |   |   | 1/4 |   |   | 2/1 |   |    | 2/2 |   |      | 2/3  |                |    | 2/4 |   |   | 3/1 |   |   | 3/2 | 1 |   | 3/3 |     |   | 3/4 |   |
|------|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|----|-----|---|------|------|----------------|----|-----|---|---|-----|---|---|-----|---|---|-----|-----|---|-----|---|
|      | Month                                   | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1  | 2   | 3 | 1    | 2    | 3              | 1  | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3   | 1 | 2   | 3 |
|      | = Completed work                        |   |     |   | - | •   |   | • | -   | - |   | -   | _ |   |     |   | =' |     | - | -    |      |                | -  |     |   |   |     |   | - | •   | • | - |     |     |   |     |   |
|      | = Pending work                          |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   | Nove | embe | er <b>20</b> 0 | 05 |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| P1   | Project management                      |   |     |   |   |     |   |   | Ī   |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T1.1 | Project initiation                      |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T1.2 | Operational project management          |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     | l l |   |     |   |
| T1.3 | Project reporting                       |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| WP2  | User requirement specifications         |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T2.1 | Analyse State of the Art                |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T2.2 | Define trust and security requirements  | _ | _   |   | _ | _   |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T2.3 | Workflow analysis and optimisation      |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| WP3  | Client side architecture                |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T3.1 | Software architecture analysis & design |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T3.2 | OSGI framework on gateways              |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T3.3 | Research new devices, interactions.     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| WP4  | Server side architecture                |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T4.1 | Software architecture analysis & design |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T4.2 | Network intelligence pool & databases   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T4.3 | Application intelligence / web services |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| WP5  | Communications infrastructure           |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T5.1 | Set up fixed/mobile comms. networks     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| T5.2 | Set up TETRA network                    |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |
| WP6  | Socio-economic issues                   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |    |     |   |      |      |                |    |     |   |   |     |   |   |     |   |   |     |     |   |     |   |

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| <b>'-</b> |                  | Year/Quarter                    |   | 1/1 |   |   | 1/2 |   |   | 1/3 |   |   | 1/4 |   |   | 2/1 |   |   | 2/2 |   |   | 2/3 |   |   | 2/4 |   |   | 3/1 |   |   | 3/2 |   |   | 3/3 |   |   | 3/4 |   |
|-----------|------------------|---------------------------------|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|
|           | -                | Month                           | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 | 1 | 2   | 3 |
| T6.1      | Busine           | ess modelling                   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T6.2      | Europe<br>w/shop |                                 |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| WP7       |                  | System integration              |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T7.1      | Integra          | ation of system components      |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T7.2      | Techn            | cal testing overall platform    |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T7.3      | Testing          | g and user scenarios            |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T7.4      | Valida           | tion plans                      |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| WP8       |                  | Testing and validation          |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T8.1      | Valida           | tion of ESN                     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T8.2      | Valida           | tion of Healthcare tomorrow     |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T8.3      | Prepai<br>up     | ration for exploitation & take- |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| WP9       | Disser           | nination and exploitation       |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T9.1      | Projec           | t dissemination                 |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T9.2      | Exploit          | ation                           |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| WP10      | Review           | v and Assessment                |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T10.1     | On-go            | ing project review              |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |
| T10.2     |                  | ssessment                       |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |   |     |   |