

Project co-ordinator contact

Name: S Swift
Address: C International Ltd.,
The Manor, Haseley Business Centre
Warwick CV35 7LS
Phone Numbers:(+44) 024 76 537043 Fax Numbers: (+44) 024 76 247220
E-mail sswift@cinternational.co.uk Project web site www.eu-domain.eu.com

Executive Summary

Main achievements

During this fifth project reporting period, covering June 2005 to August 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
- Business modelling is fully underway
- The recommendations from the 'Draft' review report from the first annual review in Budapest have been initially assessed and an action plan commenced
- 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 already established dissemination programme further progressed. The project website has been further enhanced to support this.

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 draft evaluation report was not received until mid-August. However the verbal review summary and draft report have been assessed and, to ensure optimum value from this process, deliverable D6.1- Proposed business models and business cases, has been rescheduled from month 15 to month 19 to fully reflect the project's take-on of the reviewers recommendations. 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 planned months.

Highlights/anticipated problems for next reporting period

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

- The implementation of the eu-Domain client and server software will continue and this work will see the completion of task and deliverable 3.2 - Gateway OSGi framework and device communication.
- The project's healthcare scenario demonstrator build will be commenced.

- Business modelling will continue (using the OBELIX modelling tool) and this activity will be impacted with the findings of the work related to the first review recommendations.
- Preparations for the undertaken of the EASW workshops will be undertaken.
- The dissemination programme will be updated and the project website will be further enhanced. The initial version of the project's exploitation plans will be drafted.

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
<input type="checkbox"/> Continue the project's operational project management	<ul style="list-style-type: none"> • 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.
<input type="checkbox"/> Develop business models for eu-DOMAIN deployment	<ul style="list-style-type: none"> • Completion has been rescheduled due to need to fully impact the recommendations of the first annual review. However, good progress is being made: the OBELIX tool will be used to model the business flows identified for eu-DOMAIN.
<input type="checkbox"/> Progress the build of the eu-DOMAIN system	<ul style="list-style-type: none"> • The building of both the client and server-side system components has been progressed. The first version of the common domain model has been produced. The OSGi framework development is running to schedule and will be completed during the next quarterly reporting period. • The industrial scenario demonstrator has been updated and preparation for the healthcare demonstrator build has been undertaken.
<input type="checkbox"/> Progress the project's dissemination framework	<ul style="list-style-type: none"> • 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, and preparatory work continuing for Workpackage 5.

An updated project Gantt chart is provided in Annex A.

Work Package	Activity status
WP1 Project Management	
T1.2 Operational Project Management and T1.3 Project reporting	This has been on-going throughout the reporting period.

WP3 Client side architecture	
T3.2 OSGI framework on gateways	Development and testing of the gateway bundles has been progressed to schedule and will be completed during the next quarterly reporting period. OSGi framework running on PC.
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. Work on D3.3 - Design guides and navigation for device interaction has been progressed.
WP4 Server side architecture	
T4.2 Network intelligence pool and databases	This task has been continued to schedule with the first version of the common domain model specification and detailed domain modelling for the ESN scenario.
T4.3 Application intelligence / Web services	This task has been progressed to schedule with the specification of the data server specification detailed specification of eu-DOMAIN rules engine and the healthcare scenario demonstrator underway.
WP5 Communication infrastructure	
T5.1 Set up comms network	Infrastructure strategy has been updated in line with WP3 and WP4 finalisation and included installation of the server park at TID.
WP6 Socio-economic issues	
T.6.1 Business modelling	This task has been progressed but its completion date has been rescheduled for month 19. The OBELIX modelling tool has been selected to develop the models but their completion is dependent upon fully impacting the recommendations made by the external reviewers in their first review report.
WP9 Dissem. & exploitation	
T9.1 Dissemination	The project's planned dissemination programme has been continued during the reporting period and has included flyer distribution and presentation of a conference paper.
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.
WP10 Review and assessment	
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 (Sept. to Nov. 2005)

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 5 th full project consortium meeting will be held in Copenhagen in September.

WP3 Client side architecture	
T3.2 OSGI framework on gateways	This task will be completed during the next quarter and deliverable D3.2 - Gateway OSGi framework and device communication will be finalised.
T3.3 Research new device interactions	Will continue during the next period and outcomes impacted upon the eu-DOMAIN software development, and in particular the healthcare scenario demonstrator build.
WP4 Server side architecture	
T4.2 Network intelligence pool and databases	This task will continue to plan with detailed domain modelling of the healthcare scenario and associated software prototyping.
T4.3 Application intelligence / Web services	This task will continue to plan with healthcare demonstrator and rule engine development.
WP6 Socio-economic issues	
T6.1 Business modelling	Will continue to plan (as rescheduled). The OBELIX tool will be used to construct the business models.
T6.2 European awareness scenario w/shops	This task will be underway during the next quarter with the planning and advance organisation of 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 six-monthly updated version of the DUP completed. 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 first reporting period will be completed.

1.4 Milestones

The project's target milestone for this reporting period was to have been the completion of the business cases. However, this has been rescheduled to month 19.

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

<i>Milestone</i>	<i>Planned month</i>	<i>Actual month</i>	<i>Comments</i>
M6.1 Successful business cases for each of the two user scenarios.	15		Rescheduled to month 19.

1.5 Deliverables

The scheduled deliverable for this reporting period was to have been the completion of D6.1. However, in line with the recommendations of the first annual review report, an annex is being drafted for each of deliverables D2.4 and D2.5 and these will impact the content of D6.1 which has thus been rescheduled for project month 19. The D2.4 and D2.5 annexes will be drafted during the next reporting period.

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

<i>Deliverable Code & Name</i>	<i>Planned month</i>	<i>Complete month</i>	<i>Comments</i>
D6.1 Proposed business models and business cases	15		This deliverable has been rescheduled, as its completion is dependent upon fully impacting the outcome from the actioning of the recommendations made by the external reviewers in the first review report. As a result this deliverable will now be finalised at project month 19 (December 2005).

1.6 Deviations from Plan

<i>Causes and Description</i>	<i>Corrective actions</i>
<p>Task 6.1 Business modelling is being progressed but its finish date has been rescheduled, as completion is dependent upon fully impacting the outcome from the actioning of the recommendations made by the external reviewers in the first review report and the work generated from this cannot be fully finalised for 3 to 4 months.</p> <p>As a result, project deliverable D6.1 – Proposed business models and business cases will be finalised at project month 19 (December 2005).</p>	<p>This rescheduling does not impact the project's overall timescales or the delivery of any other deliverables, as D6.1 will still be finalised prior to the EASW workshops which are intended to consider the business models.</p> <p>Furthermore, to cover the review recommendations, work on societal aspects will be extended with comparative study of healthcare systems in several European countries. The business modelling will be accelerated, using the OBELIX modelling tool, to encompass the results of the study.</p>

2 – Contractual Arrangements

No contractual issues have arisen.

3 - Project Meetings/Visits (held and foreseen)

<i>Title</i>	<i>Data and Place</i>	<i>Main conclusions</i>
Project technical meeting	8 th June 05, Brussels	Review of EC review and consideration of technical roadmap for next 12 month period.
Partner technical meetings	19 th July 05, Trieste	T-Connect and CNet – WP4 planning for completion
5 th Project steering meeting	12 th -13 th September 2005 in Copenhagen.	

4 - Dissemination / Promotional Information

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

<i>Date</i>	<i>Title</i>	<i>Number of persons attended + other information</i>
7-8 June 05 in Rome	Mobile Business 2005	T-Connect participated in the conference and made presentation of the project to mobile device manufacturers
21 June 05 in Rome	European conference WOMEN2FP6	T-Connect participated in the European conference WOMEN2FP6 "Women entrepreneurs and European funding and research opportunities" and made a description of eu-DOMAIN project "eu-DOMAIN: IT for SMEs".
19 th -27 th August 05	Critical Computing – Between Sense and Sensibility Conference and Workshops in Aarhus	Presentation of eu-DOMAIN at workshop
September 19 th 05	MobileHCI'05 conference, Salzburg.	T-Connect will participate in the 4th Workshop on "HCI in Mobile Guides".

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

<i>Date and Type</i>	<i>Details</i>
Website	Continuously updated with new events calendar added
Project 'Flyer'	Updated project information brochure distributed

5 – Main results

<i>Description</i>	<i>Details</i>

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.

Project effort for this reporting period in Person-months:

A=Actual effort / P = Plan to date

Contractor	RTD & Innovation Activities																Management Activities		TOTALS	
	WP 03		WP 04		WP 05		WP 06		WP 07		WP 08		WP 09		WP 10		WP 01		A	P
	A	P	A	P	A	P	A	P	A		A	P	A	P	A	P	A	P	A	P
C International (CO)							0.25	0.75					0.20	0.25			1.25	1.30	1.70	2.30
Innova S.p.A.							2.50	2.50					0.00	0.25			0.00	0.03	2.50	2.78
In-JeT ApS	0.10	0.10	0.50	1.00			1.80	4.60					0.30	0.25			0.30	0.35	3.00	6.30
University of Aarhus	4.11	4.25	0.62	0.75													0.05	0.03	4.78	5.03
Foundation for Research and Technology – Hellas	2.50	2.50	2.50	2.50													0.00	0.03	5.00	5.03
CNet Svenska AB	0.30	0.00	1.80	3.00			0.20	0.20					0.20	0.25	0.40	0.50	0.70	0.01	3.60	3.96
T-connect s.r.l.	2.80	2.00	2.00	2.00									0.80	0.90			0.20	0.20	5.80	5.10
Software AG Belgium SA			2.19	2.30											0.16	0.20	0.09	0.03	2.44	2.53
Telefónica I+D	2.00	2.00	2.00	2.00	1.00	1.50							0.15	0.25			0.00	0.03	5.15	5.78
Grundfos Management A/S							0.04	0.10									0.05	0.02	0.09	0.12
Eastern Birmingham Primary Care Trust							0.04	0.10									0.04	0.02	0.08	0.12
	11.81	10.85	11.61	13.55	1.00	1.50	4.83	8.25	0.00	0.00	0.00	0.00	1.65	2.15	0.56	0.70	2.68	2.05	34.14	39.05

Cumulative effort to date in person-months A=Actual effort / P= Plan to date	RTD & Innovation Activities																		Management Activities		TOTALS	
	WP 02		WP 03		WP 04		WP 05		WP 06		WP 07		WP 08		WP 09		WP10		WP 01		A	P
	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P				
Contractor																						
C International (CO)	2.20	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.25	0.00	0.00	0.00	0.00	1.45	2.00	0.75	0.75	7.85	8.30	13.00	14.30
Innova S.p.A.	21.68	13.00	0.00	0.00	0.00	0.00	0.00	0.00	4.75	6.50	0.00	0.00	0.00	0.00	0.32	1.25	0.25	0.50	1.00	1.13	28.00	22.38
In-JeT ApS	3.30	5.00	0.70	0.50	2.50	3.50	0.00	0.00	2.40	5.20	0.00	0.00	0.30	0.00	2.30	1.85	0.00	0.50	2.20	1.55	13.70	18.10
University of Aarhus	5.25	5.00	11.91	12.75	1.67	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.50	0.25	0.33	19.28	20.83
Foundation for Research and Technology – Hellas**	0.00	4.00	16.25	12.50	9.00	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.50	0.25	0.50	0.10	0.13	26.00	26.13	
CNet Svenska AB *	4.90	4.90	1.50	1.00	20.40	19.00	0.00	0.00	0.20	0.20	0.00	0.00	0.00	0.00	1.20	1.25	0.70	1.00	1.70	1.01	30.60	28.36
T-connect s.r.l.	1.38	0.00	5.80	5.75	5.00	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	1.20	0.15	0.25	0.40	0.40	13.78	13.10
Software AG Belgium SA	0.00	0.00	0.00	0.00	7.74	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.61	0.70	0.37	0.13	9.03	10.13
Telefónica I+D**	2.62	0.00	9.12	7.50	9.26	9.60	2.40	4.00	1.20	1.20	0.00	0.00	0.00	0.00	0.35	0.45	0.30	1.00	0.12	0.15	25.37	23.90
Grundfos Management A/S	2.38	4.00	2.00	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.00	0.00	0.00	0.00	0.25	0.50	0.22	0.25	0.15	0.12	5.04	4.97
Eastern Birmingham Primary Care Trust	2.33	4.00	0.60	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.00	0.00	0.00	0.00	0.25	0.50	0.22	0.10	0.14	0.12	3.58	4.82
	46.04	41.90	47.88	40.00	55.57	57.65	2.40	4.00	9.38	14.55	0.00	0.00	0.61	0.00	7.57	9.50	3.65	6.05	14.28	13.37	187.38	187.02

*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.

**FORTH and TID planned months include some months transferred from WP5, as realted work commenced early in the project under WP2,3 and 4.

Annex A

A.1 Cumulative status of Project Milestones

<i>Milestone</i>	<i>Planned month</i>	<i>Actual month</i>	<i>Comments</i>
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 st & 22 nd 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-economic and business drivers for future technological development have been established and show no adverse impact on the overall concept of the eu-DOMAIN 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. Social acceptance to be included in 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		Expected to be attained to schedule
M3.3 Entire client side infrastructure is operational and can be integrated with the server side structure.	21		Expected to be attained to schedule
M4..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.
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.	18		Expected to be attained to schedule
M5.2 Network access approved.	18		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

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

A.2 Cumulative status of Project Deliverables

<i>Deliverable Code & Name</i>	<i>Planned month</i>	<i>Completed month</i>	<i>Comments</i>
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, management and financial (draft & 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		Recommended by first annual review report.
D2.5 Societal user requirements specifications.	6	6	Delivered with progress report QMR2 for second reporting period
D2.5A Annex to societal requirements	18		Recommended by first annual review report.
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		Expected to be delivered to schedule
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

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 Scenario Workshops	22		Expected to be delivered to schedule
D6.3	Public reports from the EASW 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		First version delivered with progress report QMR2 for second reporting period 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		Expected to be delivered to schedule
D10.1	Evaluation & assessment report	12+24+35		Expected to be delivered to schedule

