

SEMIRAMIS

NEWSLETTER
N. 2
MARCH 2012

SEMIRAMIS - SECURE MANAGEMENT OF INFORMATION ACROSS MULTIPLE STAKEHOLDERS

EDITORIAL

Welcome to the second newsletter of SEMIRAMIS. While our first newsletter centered on SEMIRAMIS in terms of objectives and challenges in the context of identity management for mobile citizens, this second newsletter moves from the architectural work we did in 2011 to the exercises and piloting work started in the second half of 2011 and extending into 2012.

We deployed the full set of use cases of eDoc for Citizens, the first SEMIRAMIS scenario, and in October 2011, started the first phase of testing in order to get feedback and to better understand the potential impact and the perceived usefulness of SEMIRAMIS from REAL users. The second piloting has also just started! Turn to pages 4, 5 and 6 to read about the results from both testing sessions and check out the possibilities of joining our piloting phase on page 6!

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We also would like to provide an insight on the achievements of the second year of SEMIRAMIS, and an overview of the current activities as well as of the future challenges for 2012. Turn to page 2 to learn more.

Since SEMIRAMIS is a project focused on the secure management of data across borders, one of the major challenge for us is related to privacy and data control. During these last months we have conducted an extensive investigation, both from the technical and the administrative points of view, of the privacy issues and the requirements that we will need to take into account. Turn to page 7 to read about how we will manage the privacy functionalities in order to guarantee a high level of security and privacy.

Being a project which makes of "privacy by default" its *conditio sine qua non*, SEMIRAMIS has followed with particular attention the evolution of the Reform of Data Protection Rules proposed on the 25th of January by the European Commission. This reform aims to strengthen online privacy rights and will definitely impact the way users' data is collected, accessed and processed. How will SEMIRAMIS be affected by this reform? We asked Dr. Julian Valero, Data Privacy expert from the University of Murcia to provide us further information about the new scenario on privacy regulations and the impact on SEMIRAMIS. Turn to pages 8 and 9 to read the interview.

We hope you will enjoy this issue of the SEMIRAMIS Newsletter!

PROGRESS OF THE PROJECT 2ND YEAR OF SEMIRAMIS

Started in March 2010, SEMIRAMIS has completed 2 years of work and is getting close to its completion as a project in August 2012.

The first two years of the project lifewere organised into four phases:

Inception Phase

During this phase the project worked on the definition of the project context and scope to refine the project goals beyond what is written in the official Description of Work. To support this task, an assessment of different toolkits and reusable components from other research projects was also done.

M1 - M6

Elaboration Phase

During this phase the project worked on the design of the initial architecture, which is based on a thorough requirement extraction process used as input for this initial architecture.

The requirements were elaborated to fulfill the needs of the eight use cases for the two pilots SEMIRAMIS aims to build. The first pilot exercises the "E-doc services for citizen" scenario, while the second one deploys for the "Roaming Student" scenario.

M5 - M12

Construction Phase

During the first months of this phase, a prototype was developed for initial testing of specifications and requirements. The tests with the prototype were successful and the architecture design was approved.

Additionally, during this phase the project started the instantiation of the first pilot.

M10 - M18

Production Phase

During this phase, the project focused on the further deployment of the first and second pilots and their tests under real circumstances.

M17 - M24

SEMIRAMIS - FROM NOW ON (M25-M30)

During the final 6 months of SEMIRAMIS, the project will focus on two phases, namely the end of the production phase and the transition phase.

During these two phases, SEMIRAMIS will focus on the improvements based on the users' feedback from the users' tests under real circumstances.

Furthermore SEMIRAMIS will focus on the execution of new user tests to apply the improvements made so far.

A strong dissemination activity is expected to promote the interesting results and satisfactory user feedback the project received so far.

WELCOMING A NEW PARTNER THE LECCE CITY HALL

WELCOME TO A NEW PARTNER: THE LECCE CITY HALL

At the beginning of its second year, SEMIRAMIS started a collaboration with the Lecce City Hall to test the Certificate of residence use case with real end-users. This collaboration has now become a reality with SEMIRAMIS announcing one new partner in the consortium.

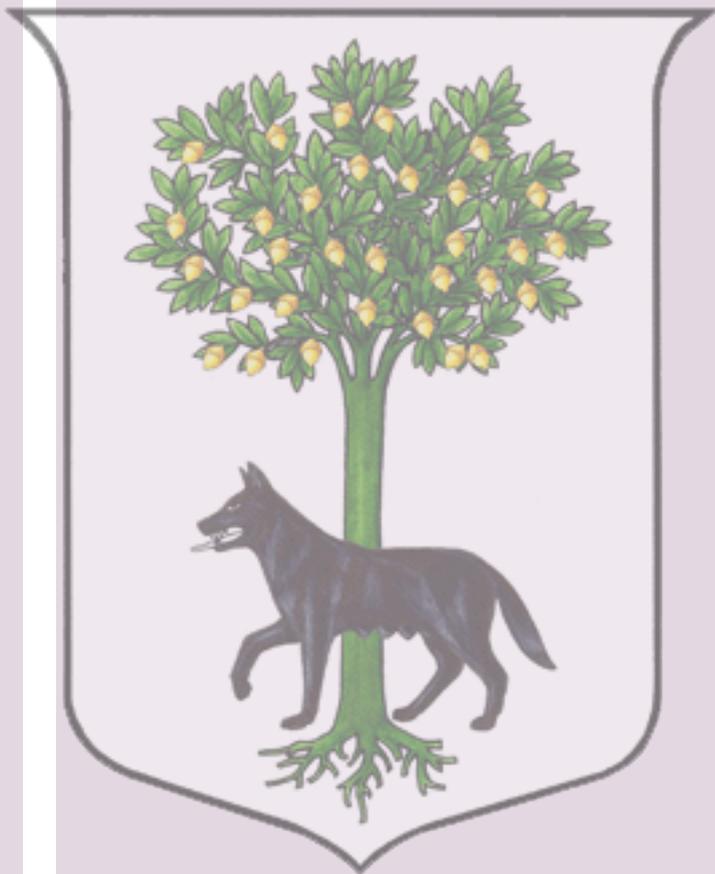
Lecce is a city located in the Salento region of Puglia (Italy). It currently has a population of around 100,000 inhabitants. The Lecce City Hall is intensively working to improve the IT offer provided to Lecce citizens. Current projects and activities include:

- **Digitalization of the City Hall:** this activity is building a new integrated network to digitalize processes of the City Hall, in particular those related to Population, Accountancy and Personal Citizens data. The network is based on high-availability hardware resources (IBM Blade Center) and virtualization techniques (VMWARE).
- **Public Connectivity System:** is the national initiative to federate the ICT of Italian public administrations. The City Hall joined this initiative by building up the connection between the Lecce City Hall main site and the ones spread in the City Hall region. Also under this initiative, the City Hall is building a new city portal to promote digital interaction between Citizens and the Lecce administration. Among others, the portal will enable Citizens to join working groups, as well as download digital documents issued by the registry office.
- **Lecce Wireless City:** this project, started in August 2009, aims at providing Lecce citizens with free wireless access to the Internet. The service is available to Lecce citizens, tourists and foreign students upon registration. The service, currently available in the four main squares of the city, is being extended to cover thirteen new areas of the City Center.
- **Infocity:** this project, started in 2011, aims at providing Lecce citizens with static and dynamic information about the public transport, and about the real time traffic conditions. The information will be available through different channels, including mobile access.
- **SalentoGov:** this project, started in 2010, aims at standardizing and homogenizing the digital public services beyond the borders of the Lecce municipality, and including all the municipalities in the Lecce province.

ROLE IN THE PROJECT

Lecce City Hall will mainly:

- provide its expertise in management of public school education, particularly for the refinement of the Public Education Access use case of the eDoc for Citizen Scenario;
- perform the Public Education Access use case testing, providing feedback on the use case development and deployment.



THE 1ST TESTING PHASE

SUCCESSFUL FEEDBACK FROM THE QUESTIONNAIRES

The main goal of SEMIRAMIS is to ease daily life of every European citizen, therefore real users' feedback is very important for us.

This is why once all the use cases defined in the first scenario of SEMIRAMIS, the eDoc for Citizens, were fully deployed, it was the time for a check. In October 2011 we started to test SEMIRAMIS with the different profile of users involved in various application areas: students looking for a job (Job Hunting use case), people in the process of requesting a certificate of residence (Certificate of residence use case), people roaming to a foreign country and requiring a Telecom Service (telecom services use case) and a nursery subscription (Public Education access). In total, more than 90 persons answered the questionnaire, which represents a success for the overall assessment of SEMIRAMIS, and the overall satisfaction of the test users with SEMIRAMIS was very good with 74% of users highly or very highly satisfied. Look at the boxes below to know more about the feedback received by each target selected for each use case.

The first phase of testing is over, and we have just started to test the second Pilot. **Check on the next page how to be part of it!**

4 USE CASES TESTED

90+ USERS RECRUITED

78% OF SATISFACTION

4 COUNTRIES INVOLVED

JOB HUNTING

TESTED IN	GLIWICE, POLAND
TESTED BY	ATOS
NR. OF PEOPLE RECRUITED	42
TARGET	STUDENTS FROM SILESIA UNIVERSITY OF TECHNOLOGY

In order to check the Job Hunting use case, Atos performed a test with 42 Polish students who were asked to fill in a paper questionnaire.

Students were recruited at the Silesian University of Technology, Gliwice, Poland and the testing phase took place on Friday 21/10/2011 and on Monday 2011/10/24.

Students were trained before testing the use case and a short description of the other use cases was given. All of the students were in the final year of their studies in IT, hence real "job hunting" experience was just ahead of them. Being IT students, they were really focused on how the new process could improve the existing one, and on what innovations were going to be presented.

Special thanks to the Silesian University of Technology!

The Consortium would like to express great gratitude to the Silesian University of Technology for their collaboration and effort.

TELECOM SERVICES

TESTED IN	AVEIRO, PORTUGAL
TESTED BY	PORTUGAL TELECOM INOVAÇÃO
NR. OF PEOPLE RECRUITED	27
TARGET	CITIZENS AND STUDENTS FROM THE COMPUTER SCIENCE FROM UNIVERSITY OF AVEIRO

Portugal Telecom Inovação performed the tests with 34 Portugal users during 3 sessions which took place on 2011/11/16, 2011/11/18 and 2011/11/22. The test was performed over two groups of people.

- One group targeted undergraduate university students of Computer Science from University of Aveiro.
- The second group was selected within Portugal Telecom employers.

Most of the testers had formal training in the Computer Sciences area, but not all of them were used to a smart phone as an Internet browsing device.

Each testing session started with a small briefing of the goals of the SEMIRAMIS project and the specific application to this use case.

The testers were then given handsets with which to experiment and whenever, during the testing sessions, doubts came up, the test facilitator promptly provided further clarifications.

BE PART OF SEMIRAMIS!

Supported by public administrations, industrial companies and academic partners, SEMIRAMIS is the place to be!

Are you a student taking advantage of the European Student mobility programme?

Are you a citizen planning to move to another country and interested in easing the administrative burden of this transfer?

Are you a public administration interested in devoting minimal resources to benefit from a hands-on experience of what the SEMIRAMIS infrastructure can do for you?

Interested in being part of the testing phase and in providing us your feedback on what we are doing?

Contact us! We would really enjoy your feedback!

Stay tuned on www.semiramis-cip.eu

Follow us on LinkedIn or contact us

CERTIFICATE OF RESIDENCE

TESTED IN	CEUTI, SPAIN AND IN AVEIRO, PORTUGAL
TESTED BY	CEUTY CITY HALL AND PORTUGAL TELECOM INOVAÇÃO
NR. OF PEOPLE RECRUITED	24 IN TOTAL
TARGET	CITIZENS AND STUDENTS FROM THE COMPUTER SCIENCE FROM UNIVERSITY OF AVEIRO

PUBLIC EDUCATION ACCESS

TESTED IN	LECCE, ITALY
TESTED BY	ENGINEERING
NR. OF PEOPLE RECRUITED	5
TARGET	EMPLOYEES FROM THE COMUNE DI LECCE - PUBLIC EDUCATION DEPARTMENT

For the Public Education Access, the test has been performed on the 2011/10/24 by Engineering. The test took place in the city of Lecce (Italy) and involved the "Public Education" department of the Lecce City Hall with 5 employees actually filling in the questionnaire.

In order to get feedback from people who had already experienced the existing system used for the PEA, Engineering selected only those employees who were highly skilled in how the nursery subscription process currently works in the City Hall. For this reason the feedback provided by the testers has been very valuable for the Public Education Access use case.

The test took one full day including one hour of training where the PEA use case as well as the SEMIRAMIS project were explained.

Another testing day will be organized with up to 30 expected test users as soon as the use case is completed and all feedback will be implemented.

The testing phase of the use case was organized in 2 sessions:

- the first session took place in Ceuti, Spain on the 16-17 of October 2011 and it was specifically handled by the Ceuti City Hall
- the second session took place in Aveiro on the 16th, 18th and 23rd of November 2011 and it was organized by the Portugal Telecom Inovação.

Thanks to the collaboration between the Public Administration of Ceuti and Portugal Telecom Inovação, SEMIRAMIS was tested by two different types of users:

- the 10 users recruited by the Public Administration of Ceuti, are to be considered of a big value as they are real users, since they were people who went to the City Hall to request the traditional Certificate of Residence and gave their availability to test SEMIRAMIS as an innovative solution and to fill in the questionnaire, spending extra time they were not obliged to spend.
- the 14 users recruited by Portugal Telecom Inovação were in most of the cases students from the University of Aveiro, and this represented an important aspect as they are normally used to the mobility and to the issues related to data exchange.

This double vision of the 2 different groups provided us a double feedback on the usability of SEMIRAMIS applied to the Certificate of residence use case: in fact, we have finally got feedback both by real users who are not IT experts (those recruited by Ceuti) and by people not totally involved in the context of application of the certificate of residence but with a good IT knowledge and confident with data exchange issues (those recruited by Portugal Telecom Inovação).

THE SECOND PHASE OF TESTING

March is also the month when SEMIRAMIS started the second testing phase.

The use cases that are going to be tested are the one of the second SEMIRAMIS Scenario, the Roaming students. Additionally, this second testing phase is also the time for a check for the 2nd iteration of the use cases from the 1st SEMIRAMIS Scenario, the eDoc for Citizens.

We have already started testing two use cases:

- **Telecom Services** (II iteration) from the eDoc for Citizens Scenario (I Pilot). This use case describes a situation of a citizen going abroad and requiring a Telecom Service.
- **Communication Services Request** from the Roaming Students Scenario (II Pilot). This use case focuses on simplifying the process requesting an Internet connection (with all the services involved, IPTV, VoD, etc.) contract in a foreign country.

Both tests were performed by PTIN the 22nd, 23rd and 24th of March and the panel of testers involved more than 25 persons. PTIN also handled the recruitment phase thanks to the close relationship between the University of Aveiro and some PTIN employers: most from the PTIN research direction, are also professors at the university.

The target selected was

- MSC degree students from University of Aveiro (Portugal)
- Citizens, who are Portuguese employees from PTIN.

In total, more than 90 persons answered the questionnaire, which represents a success for the overall assessment of SEMIRAMIS.

The results have already been analysed and are really satisfactory with an overall high and very high appreciation of SEMIRAMIS of 86%. Check out the results in the next issue of the SEMIRAMIS Newsletter!

**2 USE CASES
ALREADY
TESTED**

**50 USERS
ALREADY
INVOLVED**

**85%
OF OVERALL
SATISFACTION**

**CITIZENS AND
STUDENTS
TESTING**

NEXT STEPS

Check out newsletter nº3 to get an overview of all the results gathered from testing all 8 SEMIRAMIS use cases! We will focus on the results of the tests performed during both the first and second pilots of SEMIRAMIS. Are you interested in becoming a pilot user in SEMIRAMIS? Check for contacts on page 12 or join us on [Facebook!](#)

SEMIRAMIS: A PRIVACY ENHANCING FRAMEWORK

Opportunities for releasing private data in a federated environment have continuously increased in recent years. Whilst in the beginning private data was distributed only within one machine, later it was sent across inter-domain federations. Introducing SEMIRAMIS, private data is now even transmitted across state borders, which requires a high level of privacy within this concept.

Therefore, the SEMIRAMIS framework foresees several privacy-enabling functionalities, both on the technical and administrative sides

TECHNICAL SOLUTIONS

Due to the distributed infrastructure of SEMIRAMIS, the privacy concept does not foresee one centralized component. Therefore, privacy functionalities are included into every one of the main components:

- **Authentication Provider:** the Authentication Provider is in charge of authenticating the user. Since it is not allowed to release authentication information without having the user authenticated, the user is able to decide during the authentication process, whether or not he wants to have his authentication data released.
- **Attribute Provider:** the Attribute Provider hosts (parts of) the user's digital identity. To avoid any release the user does not agree with, the Attribute Provider offers the user a Policy Definition Framework, in which the user is able to define on a fine-granulated level which attributes are going to be released to what requesting entity. Furthermore, the user can define that he has to be asked for approval each time an identity attribute is requested.
- **Service Provider:** the behaviour of the Service Providers is not part of the SEMIRAMIS framework definition, thus, SEMIRAMIS offers no directly privacy enabling functionalities at this point. However, the Service Providers could be invited to use the SEMIRAMIS policy management framework to enhance their users' privacy.
- **Identity Aggregator:** the Identity Aggregator is able to retrieve parts of the user's digital identity from several sources, such as different Authentication and Attribute Providers. To guarantee user's privacy, the Identity Aggregator is firstly established with a Policy Definition Framework similar to the one of the Attribute Provider. Secondly, the user is able to define different identity sources for different requests which enables him to use different pseudonyms for different Service Providers.
- **Federation Proxy:** the Federation Proxy is located at the borders of each federation and is therefore able to protect the release of data to external components. It has implemented filtering functionalities that check, whe-

ther requested attributes or authentication information are allowed to leave the federation (which is of high interest concerning international federations, in which the accordant Federation Proxy allows or forbids the release across the state border).

Besides these SEMIRAMIS-specific technical solutions for enhancing the user's privacy, the above mentioned components are foreseen to handle the received data in a privacy supporting way, such as using secure connections and storing the data securely. But since these functionalities are not a direct part of the SEMIRAMIS framework, SEMIRAMIS does not offer specific functionalities for these purposes.

ADMINISTRATIVE AND CONTRACTUAL SOLUTIONS

The project's goal is to define and to deploy a framework for a **secure inter-federation data handling**. Therefore, it focuses on the technical part of privacy solutions. However, several privacy issues cannot be solved only by technical solutions, thus, SEMIRAMIS foresees administrative solutions for privacy issues as well. It is assumed that the framework's contracts force the participating entities to obey the regulatory, including national law or federation policies. Furthermore, sensitive data must be handled securely and in accordance to the state rules, to prevent breaching the user's privacy. This is also an issue that is assumed to be handled by contracts and not through technical solutions.

PRIVACY IN SEMIRAMIS

Although the cross-border transmission of sensitive private data requires a high level of security and privacy, the SEMIRAMIS framework provides the capability to address each of those issues. Due to its distributed infrastructure, major privacy elements are deployed within the accordant component and not managed by any centralized entity. Thus, this architecture guarantees a privacy enhancing framework with focus on data release policies, law-bound filtering functionalities, and non-linkable pseudonyms. Based on this design, the user's privacy is protected across all elements of the SEMIRAMIS framework.

INTERVIEW OF PRIVACY EXPERT, DR. JULIÁN VALERO TORRIJOS, UNIVERSITY OF MURCIA

HOW WILL THE EC DATA PROTECTION REFORM AFFECT SEMIRAMIS AND THE OVERALL DATA PROTECTION STANDARDS?



Viviane Reding, the EC Justice Commissioner, has just released her draft proposal

for new legislation that will entirely replace the current European data protection laws.

This set of draft measures aim at harmonising the EU's data protection regime in a new data protection framework which will introduce enhanced rights for individuals and tough penalties for non-compliance.

The EU believes in fact that, in a context where the volumes of personal data held by organisations have increased dramatically, such harmonization across all the Member States' regimes is needed in order to bring greater security for individuals and lower compliance costs for organisations which process personal data.

SEMIRAMIS Team interviewed Julian Valero from the University of Murcia.

SEMIRAMIS is a project related to the privacy and data protection management across European organisations. Which are in your view the points mentioned by Viviane Reding that will represent a key change / issue in this area?

First of all it is necessary to emphasize that the protection of persons in relation to the processing of personal data is a fundamental right that is not established at the EU level only, being mentioned in the article 8 of the Fundamental Rights of the European Union and in the article 16 of the Treaty of the Functioning of the European Union. In fact it is also regulated by the Member States legal frameworks. Therefore, any e-Government service provided by a public body under these rules must respect their requirements.

The general existing EU regulation regarding this fundamental area was approved in 1995 and therefore it was necessary to adapt this legal framework to the challenges brought by the most recent technological developments that have had a direct and strong impact on user's privacy since they enable a more extensive processing — collecting, sha

ring, diffusion... — of their personal data.

Although Directive 95/46/CE aimed to set up some general rules and principles that should be respected by the national legal frameworks, the above-mentioned technological developments demand a stronger and more coherent data protection framework in the Union so as to reinforce citizens' right protection and trust.

Even more, this Directive has not prevented fragmentation since its implementation at the national levels has not been as homogeneous as required and this situation makes difficult transnational data transfers from a legal perspective and, therefore, e-Government services whenever public sector bodies from different Member States are involved. Anyway, the draft regulation that has recently made public won't be a Directive and, consequently, their provisions will have a direct effect on the national rules that should have to be modified when a contradiction appears.

Therefore, although the main principles and provisions will remain unmodified, some of the main challenges for e-Government services will be:

a) to promote a further strengthening of the control over personal data and, particularly to offer more precise information to citizens about the use of their data;

b) the right to have personal data rectified and a 'right to be forgotten'; in particular, data subjects should have the right to having their personal data erased and no longer processed when the information is no longer needed for the initial purpose that legitimated their use;

c) to adopt the appropriate technical and organizational measures to be taken, both at the time of the design of the processing and at the time of the processing itself, to ensure that the requirements of the Regulation are met. Even more, the public sector bodies concerned should adopt internal policies and implement appropriate measures, which meet in particular the principles of data protection by design and data protection by default. Some of them are: the compulsory documentation of each processing operation, the evaluation of the risks inherent to the processing and the implementation of measures to mitigate those risks;

d) it will be compulsory for public sector bodies to have a Data Protection Officer (DPO) that should give assistance to the controller or processor to monitor internal compliance with data protection rules. Such data protection officers, whether or not an employee of the public sector body concerned, should be in a position to perform their duties and tasks independently.

How much should the respect of the new privacy and data protection laws be a priority in the SEMIRAMIS agenda?

I don't think that the new privacy and data protection regulation should be considered a priority for SEMIRAMIS since it will take several months —maybe years— not only to become compulsory but to come into force and the project will end in August 2012.

Even more, at this moment only a first draft of the Regulation has been made public and, therefore, as a result of the consultation to public bodies, private sector and civil organisations many modifications may be suggested.

Maybe SEMIRAMIS should also participate in this process offering the EU its qualified opinion on how to tackle the legal requirements of data protection in the field of transnational e-Government services.

SEMIRAMIS PUBLICATIONS AND EVENTS

THE EID INTEROPERABILITY CONFERENCE BRIDGING THE IDENTITY DIVIDE

MARCH 16, 2011 – LEUVEN (BELGIUM)

SEMIRAMIS was presented at the eID Interoperability Conference Bridging the Identity Divide. This two-day event was organised by EEMA and took place in Leuven starting the 16th of March 2011.

SEMIRAMIS participated at the event with a session entitled “Data Protection Challenges in Cross Border Exchange of Private Data” presented by Charles Bastos Rodriguez (ATOS), the SEMIRAMIS Project Coordinator.

WORKSHOP ON WIRELESS COOPERATIVE NETWORK SECURITY (WCNS 2011)

MAY 13, 2011 - VALENCIA (SPAIN)

The University of Murcia presented a paper entitled “Mobility in Collaborative Alert Systems: Building Trust through Reputation” at the Workshop on Wireless Cooperative Network Security (WCNS), held in conjunction with the IFIP Networking 2011 conference, Valencia (Spain), May 2011.

Main authors are from the University of Murcia: Manuel Gil Perez, Felix Gomez Marmol, Gregorio Martinez Perez, Antonio F. Gomez Skarmeta.

INTERNATIONAL CONFERENCE ON SECURITY AND CRYPTOGRAPHY (SECRYPT 2011)

JUL 18, 2011 - JUL 21, 2011 - SEVILLE (SPAIN)

The University of Murcia presented a paper entitled “Towards an Authorization System for Cloud Infrastructure Providers”, at the International Conference on Security and Cryptography (SECRYPT) held in Seville (Spain) in July 2011.

The paper was partially related and supported by SEMIRAMIS.

Main authors are from the University of Murcia: Jorge Bernal Bernabe, Juan Manuel Marin Perez, Jose M. Alcaraz Calero, Felix J. Garcia Clemente, Gregorio Martinez Perez, Antonio F. Gomez Skarmeta.

THE 8TH INTERNATIONAL CONFERENCE ON AUTONOMIC AND TRUSTED COMPUTING (ATC 2011)

SEPTEMBER 2-4, 2011 - BANFF (CANADA)

The University of Murcia presented a paper with the title “Enhancing OpenID through a Reputation Framework” at the 8th International Conference on Autonomic and Trusted Computing (ATC 2011) held the 02-04/09/2011 in Banff (Canada). Authors of the paper are: Felix Gomez Marmol, Marcus Quintino Kuhnen, Gregorio Martinez Perez.

Moreover, Gregorio Martinez Perez (UMU), gave a keynote speech at the following three joint conferences related with the same topic:

- IEEE HPCC - the International Conference on High Performance and Communications
- UIC - the Ubiquitous Intelligence and Computing: 8th International Conference
- FTDCS 2011 - The 13th International Workshop on Future Trends of Distributed Computing Systems

THE EPRACTICE EVENT: ADDRESSING EVOLVING NEEDS FOR CROSS-BORDER

OCTOBER 11, 2011 - BRUSSELS (BELGIUM)

This event took place in Brussels, on 11 October 2011 and focused on the evolving needs of the European Union towards a more efficient delivery of ICT-facilitated public services for citizens and businesses across the EU. The target is to widen the scope of use of the electronic means that public administrations have at their disposal outside the local, regional or national level.

Ruben Torres Dieguez, from ATOS was there to give a presentation of SEMIRAMIS with the title “The SEMIRAMIS approach to managing information across borders”.

The presentation can be downloaded online (both on the SEMIRAMIS website and on the event page).

Contact SEDDIC
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www.eid-ssedic.eu/

Next Events

The European eID Interoperability Conference: Cross-border service provision supporting national eIDs

27-28 March 2012

More info

PETS 2012 - the 12th Privacy Enhancing Technologies Symposium

July 11–13, 2012

Vigo, Spain

More info

SEMIRAMIS Workshop at the European eID Management Conference 2012

12-13 June 2012

More info at

both the SEMIRAMIS website and at the EEMA website.

Find out the latest events on Privacy and eID Management online at www.semiramis-cip.eu

SEMIRAMIS WORKSHOP

THE SEMIRAMIS WORKSHOP AT EEMA 2012

SEMIRAMIS is organising a dedicated Workshop at the European eID Management Conference 2012, taking place on 12-13 June 2012 in Paris.

The Conference is organised by EEMA and is focusing on the Digital Identity Management which is considered by the Organisation for Economic Co-operation and Development (OECD) a fundamental driver for the further development of the Internet Economy.

The EEMA's 25th Annual Conference will therefore tackle head-on issues surrounding Identity Management as a core enabler of today's personal, business and government processes.

The two-day event will comprise a variety of presentations and panel discussions covering the key challenges and strategies available to effectively manage employee, citizen and corporate identities.

The conference is a major opportunity for those in business, public sector and government involved in the policy, security, systems and processes surrounding identity management and SEMIRAMIS will be there to present and discuss its major results after 2 years of work in Privacy, Data protection of the eIDentity.

Particularly, we will provide a general presentation on SEMIRAMIS with a dedicated section on the benefits that each kind of organisation that is managing private data can gain by adopting SEMIRAMIS.

At our stand you will find lively demonstrations of all of our use cases as well as an interesting debate between a legal expert on Privacy and Data Protection and a SEMIRAMIS technical expert!

Visit our stand and test SEMIRAMIS!

Stay tuned at www.semiramis-cip.eu for the detailed agenda!

WHO?

Technical experts, Policy makers, end-users (especially representatives from Cities' Public Administrations) are invited to come and test the solution. In addition to this interactive session, participants will be informed about today's privacy concerns and how technology can improve the daily operations of any European citizen and the work of Public Administrations by reducing the administrative burden.

WHEN and WHERE?

The event will take place the 12th and 13th of June 2012 at Le Meridien Montparnasse Hotel, Paris

HOW?

Please register at the EEMA event at www.eema.org or address your demand to events@eema.org

REGISTER NOW AT THE EEMA CONFERENCE and VISIT US AT the SEMIRAMIS STAND!

Link for registration: <http://revolution.circdata-solutions.com/Delegates/EEMA/>

SEMIRAMIS - SECURE MANAGEMENT OF INFORMATION ACROSS MULTIPLE STAKEHOLDERS

GENERAL INFO

Budget: € 2,017,247.00
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Duration: 30 months
Website: www.semiramis-cip.eu

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