CREDENTIAL

Secure Cloud Identity Wallet

You are what you keep!

Deliverable D7.1
PUBLIC PROJECT WEB PRESENCE

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Call	H2020-DS-2014-1
	Digital Security: Cybersecurity, Privacy and Trust
Partners	12
Estimated Project Cost	6.645.185,00 €
Requested EU Contribution	5.978.082,50 €
Start Date	01.10.2015
Duration	36 months

Web Presence

CREDENTIAL Website	https://credential.eu
CREDENTIAL Twitter	@CredentialH2020
CREDENTIAL LinkedIn	https://www.linkedin.com/in/credential

Document Information

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Version	**Date**	**Reason/Change**	**Editor**
0.1	27.11.2015	First draft version	Agi Karyda
0.2	04.12.2015	Revised some parts, unified appearance	Stephan Krenn
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Project Description

With increasing mobility and Internet usage, the demand for digital services increases and has reached critical and high assurance domains like e-Government, e-Health and e-Business. Those domains have high security and privacy requirements and hence will be harnessed with various novel mechanisms for secure access. Approaches for handling the resulting variety of authentication and authorisation mechanisms include the use of digital identity and access management systems (IAM). Like other technologies IAMs follow the trend of using cloud services. This allows abstracting over used resources and enables ubiquitous access to identity data which is stored and processed in the cloud, but also results in an additional degree of complexity for securely operating IAMs. The goal of CREDENTIAL is to develop, test, and showcase innovative cloud based services for storing, managing, and sharing digital identity information and other critical personal data. The security of these services relies on the combination of strong hardware-based multi-factor authentication with end-to-end encryption representing a significant advantage over current password-based authentication schemes. The use of sophisticated proxy cryptography schemes will enable a secure and privacy preserving information sharing network for cloud-based identity information in which even the identity provider cannot access the data in plain-text and hence protect access to identity data. CREDENTIAL does not focus on evaluating and applying novel crypto-approaches for IAMs only but also on implementing them in an easy-to-use way to motivate secure handling of identity data, even in other areas than the cloud. To empirically evaluate CREDENTIAL's work and to produce outputs of a high technical readiness CREDENTIAL considers the demonstration of its project results in different use cases within the domains e-Government, e-Health and e-Businness.

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1 Executive Summary

This document presents and describes the means through which the CREDENTIAL project is presented on the web in order to maximize the visibility of the project within the research communicty but also to the wider public.

For the promotion of CREDENTIAL, a public website has been set up under https://credential.eu. It is online since November 2015, and will be updated on the regular basis during the project's life time, in order to represent new developments and events. Additionally, to broaden visibility in professional groups and the general public, a Twitter and a LinkedIn accounts have been set up and are online since October 2015.

In the following we provide an impression of the project's identity and the structure of the webpage.

2   Visual Identity

Visual identity plays a significant role to the visibilty and recognisability of CREDENTIAL project. For this reason the project website is designed in a way to reflect as much as possible the visual identity of the project which is constructed around the project's logo.

2.1   CREDENTIAL Logo

The color scheme used within credential was carefully chosen based on the project's logo.

Figure 1: CREDENTIAL logo

RGB: 103, 152, 188
CMYK: 63, 30, 15, 2

RGB: 31, 113, 184
CMYK: 85, 50, 0, 0

RGB: 57, 168, 224
CMYK: 70, 16, 0, 0

RGB: 123, 124, 124
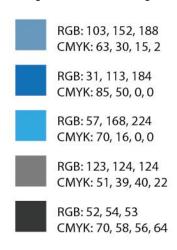CMYK: 51, 39, 40, 22

RGB: 52, 54, 53
CMYK: 70, 58, 56, 64

Figure 2: CREDENTIAL color palette

2.2   Web Domain

An easy to remember web domain linking to the project's acronym and using the ".eu" extension to give a strong emphasis on the project's european identity was selected: https://credential.eu/

3   CREDENTIAL Homepage

The CREDENTIAL homepage is the project's main communication tool and it is designed in a user friendly and clean way in order to trigger high popularity.

The purpose of the homepage is to facilitate dissemination outside the consortium, highlight project objectives, progress and achievements through public documents and announcements. A structure with gradually increasing scientific detail will be followed to allow dissemination to audiences with varying background knowledge. The official CREDENTIAL homepage can be found under http://credential.eu/ and it was published in November 2015.

Figure 3 shows a screenshot of the main page of the project.

Figure 3: CREDENTIAL Home page

In the following, a detailed preview of the current state of the CREDENTIAL homepage will be given. Note that due to the nature of a webpage the precise presentation and the details will change over the project's life time in order to maximize its impact.

3.1 Website Structure

The website is divided into the six parts: Home, Overview, Newsroom, Publications, The Team, and Liaisons, which allows visitors to efficiently find the information they are looking for.

In the following we will give a brief description of each of the single parts.

3.1.1 Home

The Home page is visually attractive and contains general information about the project such as the vision of the project and a project's summary. An screenshot is given in Figure **3**: CREDENTIAL Home page.

3.1.2 Overview

This section gives an overview of the project's work plan containing the following three childpages:

- o **Objectives – Results**: This page contains a description of the project's goals and visions.
- o **Scientific Methodology**: This page contains descriptions of the project's internal structure, the workpackages within the project, and the that will be addressed by those.
- o **Use Cases**: Once they are fully specified, this page will contain detailed descriptions of the use cases from the different domains addressed within CREDENTIAL.
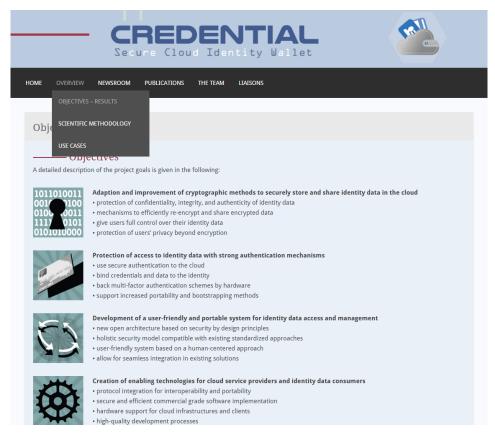
Figure 4: CREDENTIAL Overview page

3.1.3   Newsroom

In the newsroom the projects news and future events related to the project's topic will be posted.

- o   **Project News**
- o   **Events**
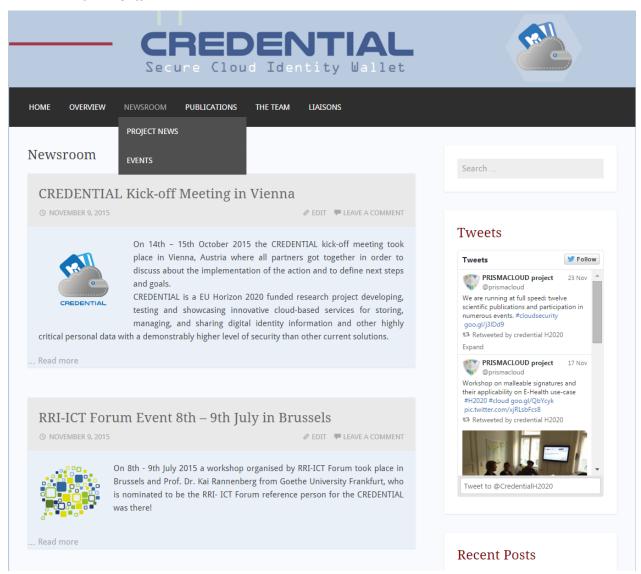

Figure 5: CREDENTIAL Newsroom page

3.1.4   The Team

This section gives an introduction about the consortium, a small description of all project partners and their role in the project, as well as links to their websites.
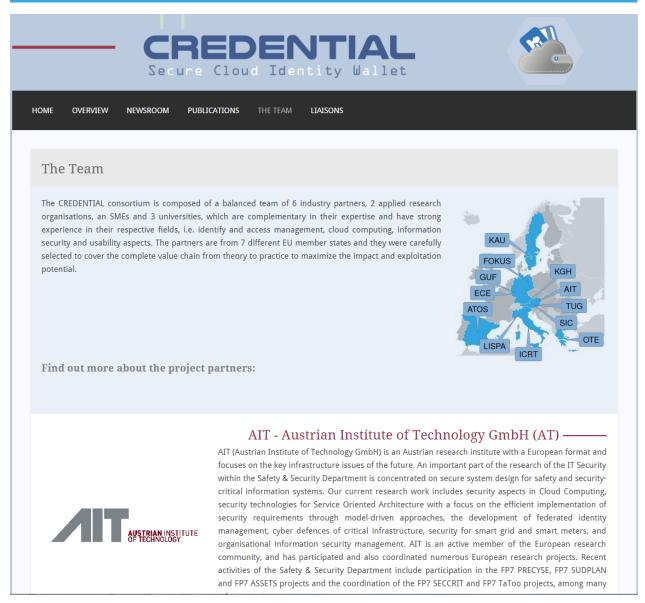
Figure 6: CREDENTIAL The Team page

3.1.5 Publications

This section provides a list of all the publications produced within the CREDENTIAL project and links to download the respective publication.

- o **Scientific Publications**
- o **Press Releases**
- o **White Papers**
- o **Communication Material**: CREDENTIAL Poster and CREDENTIAL Folder can be found in Appendix I and II respectively.
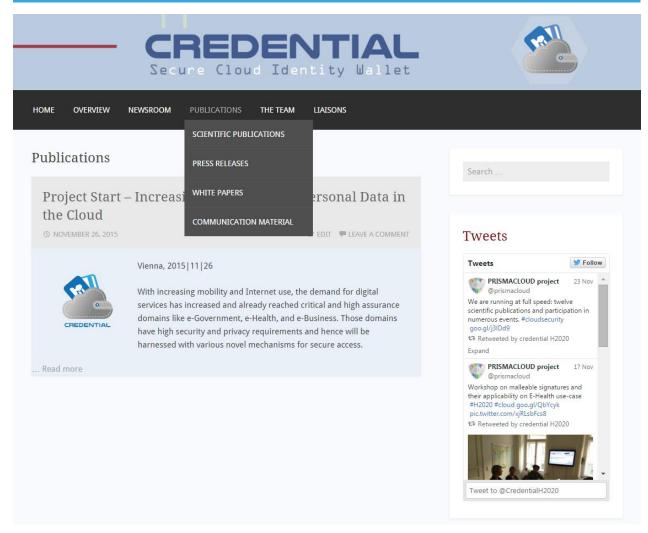
Figure 7: CREDENTIAL Publications page

3.1.6 Liaisons

This section includes reports on Collaborations (User Advisory Board presentation) or other Liaisons which are setup during the course of the project work.
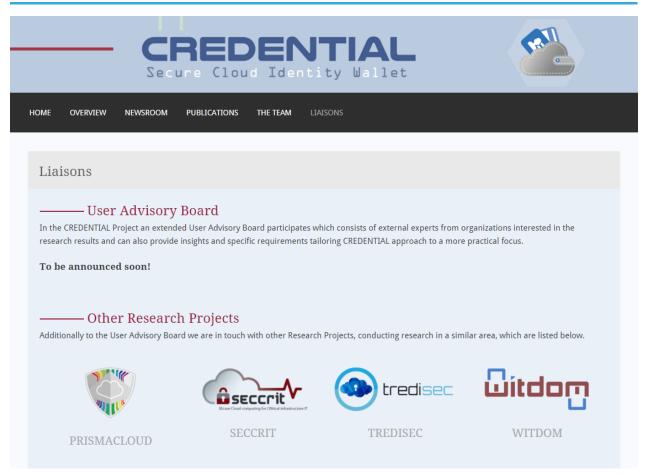
Figure 8: CREDENTIAL Liaisons page

3.2 Techical Implementation

The CREDENTIAL homepage has been developed with WordPress [1]. More information about the homepage technical implementation can be found in [2].

4 CREDENTIAL in Social Media

In order for the project to reach a broader audience who have less interest in conventional media channels, Twitter and LinkedIn accounts have been set up. Furthermore, these channels allow for a bi-directional communication, so that also the wider public to communicate can get in touch with the project and with people who share the same interests. [3]

4.1 Twitter Profile

Get in touch with CREDENTIAL H2020 on Twitter:

@CredentialH2020

https://twitter.com/CredentialH2020

Figure 9: CREDENTIAL Twitter profile

4.2 LinkedIn Profile

Connect with CREDENTIAL Project on LinkedIn: https://www.linkedin.com/in/credential

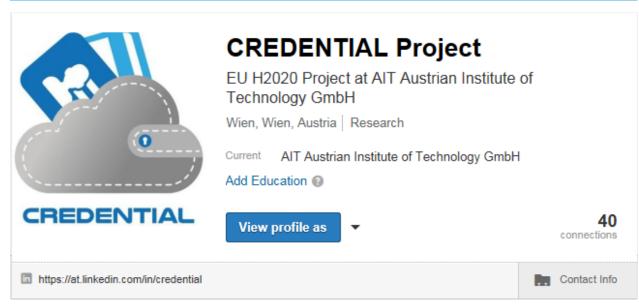Figure 10: CREDENTIAL LinkedIn profile

Appendix I

In the following we briefly present further material that will be used for advertising the CREDENTIAL project.

Figure **11** and Figure **12** show a folder that can be used, e.g., as handouts in industry events to present the CREDENTIAL project. The folder contains detailed descriptions of the project's objectives, goals, and partners, and is visually aligned with the web page in order to achieve a unified project identity.

Figure 11: CREDENTIAL Folder cover

Figure 12: CREDENTIAL Folder internal

Similarly to the folder, a CREDENTIAL poster (shown in Figure **13**) has been prepared. The poster will be used, e.g., in poster sessions or workshops.

Figure 13: CREDENTIAL Poster

5 Bibliography

[1] "WordPress," [Online]. Available: https://wordpress.com/. [Accessed 10 October 2015].

[2] A. Karyda (editor), "D1.3 Project Homepage and Collaboration Platform," CREDENTIAL Project Deliverable, 2015.

[3] "ENPI Project," [Online]. Available: http://www.enpi-info.eu/files/publications/Social%20Media%20Handbook%20ENG%20Final.pdf. [Accessed 9 October 2015].