

# **SMARTsurg**

# SMart weArable Robotic Teleoperated surgery

# **D7.2: Website and Social Media Presence Launch**

Due date: 31.03.2017

**Abstract:** The present document is a deliverable of the SMARTsurg project, funded by the European Commission's Directorate-General for Research and Innovation (DG RTD), under its Horizon 2020 Research and innovation programme (H2020). It reports the creation and launch of the SMARTsurg official website. The document presents the public and private sections and features of SMARTsurg website, the social media channels of the project and finally the technical specifications of the website.

Dissemination Level			
PU	Public	х	
PP	Restricted to other programme participants (including the Commission Services)		
RE	Restricted to a group specified by the consortium (including the Commission Services)		
со	Confidential, only for members of the consortium (including the Commission Services)		



Г

D7.2: Website and Social Media Presence Launch

# **Document Status**

Document Title	Website and Social Media Presence Launch
Version	1.0
Work Package	7
Deliverable #	7.2
Prepared by	НІТ
Contributors	UWE, CERTH, POLIMI, CYBERNETIX
Checked by	Sanja Dogramadzi
Approved by	Sanja Dogramadzi
Date	31 March 2017
Confidentiality	PU



## **Contact Points**

	Coordinator	
University of the West of England	University of the West of England/ Bristol Robotics Laboratory T Building, Frenchay Campus BS16 1QY Bristol, UK	Tel: +44 117 32 81301 E-mail: <u>Sanja.Dogramadzi@brl.ac.uk</u> Website: <u>www.brl.ac.uk/research/rese</u> <u>archthemes/medicalrobotics.aspx</u>

Partners					
Information Technologies Institute	Centre for Research and Technology Hellas / Information Technologies Institute Building A - Office 1.1A 6th km Charilaou - Thermi, 57001 Thessaloniki, Greece	Tel.: +30 2311 257777 Fax: +30 2310 474128 E-mail: <u>tzovaras@iti.gr</u> Website: <u>www.iti.gr</u>			
POLITECNICO MILANO 1863	Politecnico di Milano Department of Electronics, Information and Bioengineering Building 32.2 Via G.Ponzio 34/5 Milan, Italy	Tel.: +39 022 399 3371 E-mail: <u>giancarlo.ferrigno@polimi.it</u> Website: <u>www.nearlab.polimi.it</u>			
Bristol Urological Institute	North Bristol National Health Service Trust/ Bristol Urological Institute Brunel Building, Southmead Hospital BS10 5NB Bristol, UK	Tel.: +44 117 4140898 E-mail: <u>anthony.koupparis@nbt.nhs.uk</u> Website: <u>www.nbt.nhs.uk/bristol-</u> <u>urological-institute</u>			
University of BRISTOL	University of Bristol Translational Biomedical Research Centre Senate House, Tyndall Avenue BS8 1TH Bristol, UK	Tel.: +44 117 3423286 E-mail: <u>r.ascione@bristol.ac.uk</u> Website: <u>www.bristol.ac.uk/health-</u> <u>sciences/research/tbrc</u>			
IEO Istituto Europeo di Oncologia	European Institute of Oncology Division of Urology Via Ripamonti, 435 20141 Milan, Italy	Tel.: +39 0257489516 E-mail: <u>ottavio.decobelli@ieo.it</u> Website: <u>www.ieo.it</u>			
THE SALONIK MINIMALLY INVASIVE SURGERY ORTHOPAEDIC CENTER	TheMIS Orthopaedic Center 6 Adrianoupoleos St. 55133 Thessaloniki, Greece	Tel.: +30 2310 223 113 E-mail: <u>papacostas@the-mis.gr</u> Website: <u>www.the-mis.gr</u>			



<b>Cybernetix</b> A TechnipFMC Company	Cybernetix 306 Rue Albert Einstein 13882 Marseille, France	Tel.: +33 (0)49121 7775 E-mail: jvandenbosch@cybernetix.fr Website: www.cybernetix.fr
<b>⊙ptin∪ent</b>	Optinvent R&D Department Avenue des Buttes de Coesmes 80 35700 Rennes, France	Tel.: +33 299871066 E-mail: <u>khaled.sarayeddine@optinvent.com</u> Website: <u>www.optinvent.com</u>
HIT HYPERTECH INNOVATIONS	HIT Hypertech Innovations 10 Polytechneiou Str. 3083, Límassol, Cyprus	E-mail: <u>contact@hit-innovations.com</u> Website: <u>www.hit-innovations.com</u>



# **Document Change Log**

Each change or set of changes made to this document will result in an increment to the version number of the document. This change log records the process and identifies for each version number of the document the modification(s) which caused the version number to be incremented.

Change Log	Version	Date
First draft website version Creation of social media channels	0.5	07 March 2017
Updated website version First draft deliverable report	0.7	20 March 2017
SMARTsurg website launched Deliverable report finalised	1.0	31 March 2017



## **Table of Contents**

1	Intr	oduction	8
	1.1	Objective and Scope	
	1.2	Document Structure	
	1.3	Reference Documents	
2	We	bsite Sections	9
	2.1	Front Page	9
	2.2	Project Overview	11
	2.3	Partners	12
	2.4	Media	13
	2.5	Results	14
	2.6	Latest Updates	14
	2.7	Contact	16
3	Re	pository	18
4	So	cial Media Channels	23
5	Teo	chnical Specifications	26
6	Co	nclusion	



# List of Figures

Figure 1: SMARTsurg website front page	9
Figure 2: SMARTsurg vision, excellence and upcoming events	10
Figure 3: Promotional material, video and news	10
Figure 4: SMARTsurg website footer	11
Figure 5: The "Overview" section options & the "At a Glance" page	11
Figure 6: List of project partners	12
Figure 7: Partner presentation page	13
Figure 8: The "Media" section	14
Figure 9: "Latest Updates" section	15
Figure 10: The "News /Blog" section	15
Figure 11: The "Events" section	16
Figure 12: The "Contact" section	17
Figure 13: The login page	18
Figure 14: Available logged user options & the "Profile" page	19
Figure 15: SMARTsurg repository	19
Figure 16: Upload a new file	21
Figure 17: Check and download available files	21
Figure 18: Check all available files for download	22
Figure 19: SMARTsurg's LinkedIn page	24
Figure 20: SMARTsurg's Twitter page	25
Figure 21: SMARTsurg's Joomla main page	26
Figure 22: Google Analytics for SMARTsurg website	27



# 1 Introduction

# 1.1 Objective and Scope

The deliverable "D7.2: Website and Social Media Presence Launch" reports the creation and launch of the SMARTsurg official website. The site is based on a usable content management system and supports a blog of research and personal experiences, where partners can put articles about intermediate results, demos, events, press releases, newsletters, participation to special events, organisation of SMARTsurg workshops, etc.

The website also includes a restricted area, which acts as the internal repository of the project enabling file sharing and exchange among the project partners. The deliverable also illustrates the social media channels created to promote the SMARTsurg execution and results.

The SMARTsurg website is expected to grow as the project evolves, in order to reflect the progress performed and the results produced throughout the project execution. The website but also the social media channels are going to be maintained and updated regularly, in order to attract new visitors and engage relevant stakeholders but also the general public to the SMARTsurg activities.

The website is publicly available at the following address:

http://smartsurg-project.eu/

# **1.2 Document Structure**

The document is split into 5 chapters. In chapter 2, the main SMARTsurg website sections are presented. The private/ logged area, restricted only to consortium members enabling file sharing and exchange among the project partners, is described in chapter 3. In chapter 4, social media channels of SMARTsurg are presented while chapter 5 illustrates the technical specifications of the website (content management system, web server, database and online service for tracking and reporting the website traffic).

# **1.3 Reference Documents**

[1] SMARTsurg Grant Agreement, Annex I - "Description of Action" (DoA)



# 2 Website Sections

In the following paragraphs, the main SMARTsurg website sections are presented, namely:

- Front page
- Overview
- Partners
- Media
- Results
- Latest Updates
- Contact

# 2.1 Front Page

The front page of the SMARTsurg website includes a synopsis of the project primary scope and objectives to attract visitors to navigate through the available sections and engage relevant stakeholders but also the general public to the SMARTsurg activities. The upper part of the main page is illustrated in Figure 1 below.



Figure 1: SMARTsurg website front page

The **top menu bar** includes the main public section of the project website, which, as already mentioned, will be presented in the next paragraphs (Figure 1). It also contains the link to enter the private part of the website ("Login" option, see chapter 3). A handy **search functionality** is also available for visitors to allow easy discovery in the website content.

The **main slideshow** of the page (Figure 1) currently consists of thee (3) relevant and representative images accompanied with corresponding key project messages, e.g. *SMARTsurg will develop an advanced system for performing... Robot Assisted MIS to* 



Date Page

reduce the surgeon's cognitive load related to the system's operation to shorten training time and deliver accuracy, safety, reduced procedure time and expanded applicability", "SMARTsurg will have a considerable impact...in the chosen medical domain and beyond, into the many areas that can benefit from tele-operation, haptic feedback, mechatronic design and user centred control", and so on.

Next, there are three blocks (Figure 2) highlighting basic project information such as project vision, its excellence and upcoming events (meetings, conferences etc.).



Figure 2: SMARTsurg vision, excellence and upcoming events

By scrolling down (Figure 3), visitor is able to see SMARTsurg's twitter account feed, as well as a promotional video and a list of the recent project news and top stories.

witter	SMARTsurg at a Glance	SMARTsurg News
Tweets by @SMARTsurg  SMARTsurg Project Retweeted  Migel Harris @nigeharris57  @Bhadowobl @praminda Great workst on ethical and social issues. Do check ou the discussion.#ERF2017  Ented Very of	hop htt Wearable' robotic tools for surgery A Wearable' robotic tools for surgery A Watch a video on 'wearable' robotic tools for surgery to be developed to SMAPTaura	Kick-off meeting of SMARTsurg project at Bristol HT Launch of SMARTsurg: A new EU project to develop a wearable robotic system for minimally invasive surgery HT

Figure 3: Promotional material, video and news

Then, a banner contains a link to the contact form ("Contact Us" section, see chapter 2.7).



Finally, the footer (Figure 4), which is available in every page of the website, contains corresponding links to the main sections of the website, links to SMARTsurg social media channels as well as contact details of the project. Visitor has also the ability to register to the newsletter, which will be published and circulated regularly during the project execution.

To achieve compliance with an important SMARTsurg Grant Agreement regulation, the website footer also includes the EU emblem accompanied with the following text: "This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 732515".



FUNDED BY	SMARTSURG OVERVIEW	CONTACT US	NEWSLETTER
.***.	At a Glance	Prof. Sanja Dogramadzi	E-mail
	Excellence	Bristol Robotics Laboratory University of the West of England	Subscriba
***	Vision	Frenchay Campus, Coldharbour	
This project has received funding from	Target Groups	Lane, Bristol, BS16 1QY United Kingdom	
the European Union's Horizon 2020 research and innovation programme	Objectives	🖸 Email	
under grant agreement No 732515.	Partners	info AT smartsurg-project DOT eu	
The website reflects only the view of the	Media	💟 Twitter	
responsible for any use that may be	Results	in LinkedIn	
made of the information it contains.	News/Blog		
	Events		
	Contact Us		

Figure 4: SMARTsurg website footer

The SMARTsurg main page is expected to be updated regularly as the project evolves in order to reflect the progress throughout the duration of the project.

# 2.2 Project Overview

The "Overview" top menu section (Figure 5) is divided in the following subsections:

- At a glance, including an introduction to the project (Figure 5). • USMART surg Home Overview - Partners - Media Results Latest Updates -Logi Q About SMARTsurg This highly integrated, multi-disciplinary project will have a considerable impact in the chose medical domain and beyond. Latest News At a Glance ¢ -Kick-off meeting of No. SMARTsurg project Robot-assisted minimally invasive surgery (RAMIS) offers many advantages when compared to traditional MIS, including at Bristol improved vision, precision and dexterity. While the popularity of RAMIS is steadily increasing, the potential for improving patient outcomes and penetrating into many procedures is not fully realised, largely because of serious limitations in the current instrumentation, control and feedback to the surgeon. Specifically, restricted access, lack of force feedback, and use of rigid tools Launch of SMARTsurg: A new in confined spaces filled with organs pose challenges to full adoption. We aim to develop novel technology to overcome barriers EU project to develop to expansion of RAMIS to more procedures, focusing on real-world surgical scenarios of urology, vascular surgery, and soft 15 tissue orthopaedic surgery. A team of highly experienced clinical, academic, and industrial partners will collaborate to develop: a wearable robotic system for minimally invasive surgery · dexterous anthropomorphic instruments with minimal cognitive dema · a range of bespoke end-effectors with embedded surgical tools using additive manufacturing methods for rapid prototyping Figure 5: The "Overview" section options & the "At a Glance" page
  - **Excellence**, presenting key facts that SMARTsurg aims to deal with. •
  - Vision, illustrating the project vision. •
  - Target groups, presenting project's primary target groups. •
  - Objectives, including scientific & technical objectives defined to successfully realize • the SMARTsurg vision.



## 2.3 Partners

The **"Partners"** section contains the list of project partners (Figure 6) as well as a dedicated presentation page for each SMARTsurg partner (Figure 7).



Figure 6: List of project partners





Figure 7: Partner presentation page

## 2.4 Media

The "**Media**" section is expected to be enriched as the project execution proceeds. It is planned to contain at least the following subsections (Figure 8):

- Dissemination material: press releases, leaflets, presentations etc.
- **Newsletter**, illustrating the periodically published SMARTsurg newsletters.
- Image galleries, with relevant project photos.
- Videos: SMARTsurg promotional films, videos presenting clinical trials etc.



	Contact Us
Home Overview- Partners - Media Results Latest Updat	tes- Login Search Q
Dissemination Material Find all the project's dissemination material in one place.	
Media	Newsletter
Dissemination Material Newsletter Gallery Videos	E-mail Subscribe
Press Releases	_ Latest News
Project Overview pd	Kick-off meeting of SMARTsurg project at Bristol
Project Overview 🚅	Kick-off meeting of SMARTsurg project at Bristol

Figure 8: The "Media" section

## 2.5 Results

Similarly to the above, the **"Results"** section is also expected to be enriched as the SMARTsurg results evolve. It is assumed to be divided at least to the following indicative subsections:

- Public deliverables of the project.
- Scientific papers published in refereed journals and international conferences.
- SMARTsurg demos
- Software repository

## 2.6 Latest Updates

The "Latest updates" section contains two subsections:

- **News/Blog**, presenting the latest news of SMARTsurg.
- **Events,** featuring activities and events of interest (conferences, workshops, demonstrations, project meetings etc.).





Figure 9: "Latest Updates" section

The "**News/Blog**" section spots the SMARTsurg news and updates. News items are illustrated as separate articles and the **latest news articles** are presented in corresponding dedicated widget available at the right sidebar of the website pages (Figure 10).





The "**Events**" section (Figure 11) contains two discrete lists of events, one with the upcoming events of interest (e.g. past project meetings, conferences etc.) and one with the corresponding past events. For every event, a page link is available for further information and reference.

		Contact Us		
Home Overview+ Partners + Media Results Latest Up	lates - Login	Search Q		
Events Follow us in order to have a more clear opinion on our Research and Development activities.				
Upo	coming Events			
The upcoming events of the project are				
Event	March 2017	April 2017		
European Robotics Forum 2017	Edinburgh, Scotland, UK 22-24/03/2017			
Past Events The past events of the project are				
Event	January 2017	February 2017		
Kick-off meeting	Bristol, UK 16-17/01/2017			

Figure 11: The "Events" section

# 2.7 Contact

The **"Contact"** section includes the contact details of the project. The page also allows visitor to fill in a contact form and get in touch with the SMARTsurg consortium (Figure 12). All visitor requests are forwarded as email messages to the main project email address: <u>info@smartsurg-project.eu</u>. At the right side of the page there are also links to the social media channels of SMARTsurg.



SMART surg	Contact Us
Home Overview- Partners - Media Results Latest Updates- Login	Search 🖾 🔍
Contact Us	
Do not hesitate to contact us for any inquiny	
you might have.	
Contact Form	Contact Us
Send an Email. All fields with an asterisk (*) are required.	Do not hesitate to contact us for any inquiry you might have.
Name "Email"	We are open to cooperate with any organisation or any individual that might be willing to support the causes of our project.
Subject "	Contact
	Prof. Sanja Dogramadzi,
Message *	<ul> <li>Bristol Robotics Laboratory, University of the West of England, Bristol</li> </ul>
	Frenchay Campus, Coldharbour Lane, Bristol, BS16 1QY
	United Kingdom
	LINKS
	🛩 Twitter in LinkedIn 🚵 YouTube
Gend copy to yourself	
Captcha *	
I'm not a robot	
Send Fmail	

Figure 12: The "Contact" section



# 3 Repository

The SMARTsurg website supports a **private/logged area**, restricted to consortium members only. By selecting the "**Login**" option of the top menu, users are redirected to the login form (Figure 13).

		Contact Us
Home Overview+ Partners + Media	Results Latest Updates - Login	Search Q
Login Form This area is for project members only.	Login Form         This area is restricted only to consortium members.         Username *         Password *         Remember me       Log in         > Forgot your password?         > Forgot your username?	

Figure 13: The login page

The logged section mainly forms the **internal repository of the project** enabling file sharing and exchange among the project partners. After logging in, users have three options (Figure 14):

- **Profile**, to see and edit the account details (Figure 14)
- Repository
- Logout



1.0

19

#### D7.2: Website and Social Media Presence Launch

Date Page

SMART surg						Contact Us
Home Overview-	Partners - Media	Results	Latest Updates <del>-</del>	My account +	Search	Q
Profile						🛓 Edit Profile
Name Username Registered Date Last Visited Date	HIT hit-innovations Wednesday, 29 March 20 Wednesday, 29 March 20	17 17				
Basic Settings						
Editor Time Zone Frontend Language	No Information Entered No Information Entered No Information Entered					

Figure 14: Available logged user options & the "Profile" page

Members could select the "Repository" option to enter in the SMARTsurg repository. The website allows users to navigate through the available folders (named as "Categories") and files (Figure 15) to add new files or download the existing ones.

Home Overview-	Partners -	Media Results	Latest Updates -	My account -	Search	c
				Profile		
🔥 Overview 🕌 Sear	ch 🚯 Add			Repository	Overview	
Dverview lumber of Categories: 5				Logout		
GA GA						Files:
Management						Files:
Meetings						Files:
Official Docs						Files:

Figure 15: SMARTsurg repository

The main menu bar of the repository includes the following options (Figure 15):

- **Overview** •
- Search •



- Add
- **Up**, to move to an upper category (folder), displayed only when user is in a nested category.
- Category list box, with all published categories (folders) available.

Users could select the **"Add"** option to **upload a new file** into the desired folder (Figure 15). Figure 16 demonstrates the form that users are asked to fill in to submit a file. Apart from the usual **primary fields** (title, file, etc.), the form also supports the submission of **plenty optional metadata fields**, enabling users to best describe and characterise the submitted files. SMARTsurg partners are encouraged to fill in at least the following fields:

- Title
- **Publishing => Category**, which represents the folder to save to.
- Files => Choose File, to select the desired file.
- Additional => Symbol, to add the suitable file type icon.
- Descriptions

Home Overview	v• Partners • Mee	dia Results	Latest Updates + My accou	nt •	Search	٩
✓ Save ≭Cancel Create Download						
All fields with a star (*)	are mandatory and must ha	ave an entry.				
Title *						
Alias						
Version						
File Language	- Select -	Ŧ				
File System	- Select -					
License		- -				
Confirm License	No					
Select Main File	Choose file No file	chosen	ansians, sin me ref tet den dens sie sie	and oute off montion inter-		
Select Main File File Size 0 File Date	Choose file No file	chosen Allowed file exte x: 20480 KB	ensions: zip, rar, pdf, bit, doc, docs, xis, xis	r, ppl, pplv, gif, prg, jpg, jpeg		
Select Main File File Size 0 File Date Select Preview Fil	Choose file No file Allowed madmum stz	chosen Allowed Tile extr 20480 KB chosen Allowed Tile extr 20480 KB	ensions: sip, rar, pdf, bit, doc, docx, vis, vis ensions: mp3, mp4	r, ppt, ppts, gif, prg, jpg, jpng		
Select Main File File Size  File Date Select Preview Fil External File Friternal File	Choose file No file Allowed maximum stz	chosen Allowed Tile extr x: 20400 KB	endons: sip,rar,pdf,tet,doc,docx,ets,ets endons: mp3,mp4	r, ppt, ppts, gif, prg, jpg, jpgg		
Select Main File File Size File Date Select Preview Fil External File	Choose file No file Allowed maximum size Choose file No file Choose file No file Allowed maximum size t	chosen Allowed Tile extr 20400 KB chosen Allowed Tile extr 20400 KB	enelone: zip, rar, pdf, bd, doc, dace, ela, ela enelone: mp3, mp4	, ppt, ppts, git, prg, jpg, jpg		
Select Main File File Size 0 File Date Select Preview Fil External File File in external Wiste	Choose file No file Altowed maximum size Le Choose file No file Altowed maximum size Le Choose file No file Altowed maximum size Le	chosen Allowed Tile extr 20400 KB chosen Allowed Tile extr 20400 KB	analona: zip, rar, pdf, bå, doc, doca, nin, nin analona: mpů, mpš	, ppt, ppts, gif, prg, jpg, jpg		
Select Main File File Size O File Date Select Preview Fil External File File in external W File In external	Choose file No file Allowed maximum size e Choose file No file Allowed maximum size e Choose file No file Allowed maximum size file No	chosen Allowed Tile edu i: 20400 KB chosen Allowed Tile edu K: 20400 KB	analona: zip, rar, pdf, bå, doc, doca, nin, nin analona: myd, myd	r, ppt, ppts, gif, prg, jpg, jpg		
Select Main File File Size  File Date Select Preview Fil External File Link File in external Vi site File in external Vi site Mirror Link	Choose file No file Allowed madmum sitz Allowed madmum sitz Choose file No file Allowed madmum sitz Choose file No file Allowed madmum sitz Choose file No	chosen Allowed Tie acti 2:040 KB Chosen Allowed Tie acti 2: 2040 KB	enelone: sig, rar, pdf, bel, doc, docx, ele, ele enelone: mp3, mp4	r, ppt, ppts, gif, prg, jpg, jpg		
Select Main File File Size 0 File Date Select Preview Fil External File Link File in external W site Fird Miror Mirror Link File in external W site	Choose file No file Allowed maximum size te Choose file No file Allowed maximum size te No file K teb No	chosen Allowed File acti iz 2010 KB chosen Allowed File acti ix 2010 KB	enelone: zip.rar.pdf, bd, doc, docs, sla, sla enelone: mp3, mp4	, ppt, ppts, gif, prg, jpg, jpg		
Select Main File File Size  File Date Select Preview Fil External File External File Link File in external W site Find Mirror Link File in external W site Mirror Link	Choose file No file Altowed maximum size Le Choose file No file Altowed maximum size Le Choose file No file Altowed maximum size Le	chosen Allowed Tile etit :: 2040 KB chosen Allowed Tile etit :: 2040 KB v: 2040 KB v: 2040 KB	enelone: zip, rar, pdf, bit, doc, docs, sis, sis enelone: mp3, mp4	, ppt, ppts, gif, prg, jpg, jpg		
Select Main File File Size  File Date Select Preview Fil External File External File File in external W site File in external W Site Second Mirror Link File in external W Site Second Mirror Link	Choose file No file Allowed maximum size e Choose file No file Allowed maximum size e Choose file No file Allowed maximum size feb No	chosen Allowed Tile etti :: 2040 KB chosen Allowed Tile etti :: 2040 KB	enelone: zip, rar, pof, bå, doc, doca, nia, nia enelone: mpů, mpš	, ppt, ppt, gif, prg, jpg, jpg		



Date Page

Figure 16: Upload a new file

As soon as the file is submitted successfully, it gets available for download to all registered members of the website, as seen in Figure 17. Users could also select the edit button (Figure 17) to edit and update the available description or even replace the submitted file (e.g. share a newer version).

SMART surg	Contact Us
Home Overview+ Partners - Media Results Latest Updates - My account -	Search Q
🔥 Overview 🕌 Search 🚯 Up 🚯 Add	- WP7: Dissemination and Exploitation
ategory: WP7: Dissemination and Exploitation	Order Files by Default▲   Name   Author   Date   Hi
ies:	(0 votes)
Information	
Created 2017-03-29 Changed Version	
Size 1.79 MB System	
Downloads 0	
	(0 votes)
Information Created 2017-03-29 Changed	
Version Size 97.46 KB Svstem	
Downloads 0	

Figure 17: Check and download available files

Tip: As already mentioned, the main menu bar of the repository features the Category list box, which features all published categories (folders) available. Additionally, the list includes the "All Downloads" option illustrating all uploaded files (Figure 18). If users select this option and choose to sort the listed files by date, using the "Order Files by" option, then they will be able to see the most recent additions to the repository.



		Contact Us
Home Overview+ Partners+ Media Results La	ntest Updates → My account →	Search Q
Verview 🚔 Search 🚯 Up 🚯 Add		All Downloads •
All Downloade		Overview
Number of Downloads: 2		All Downloads
		Management
Files:		Meetings Official Docs
200 C		WPs
SMARTsurg-Presentation-Project Overview-2017.03 🥻 🔍		- WP7: Dissemination and Exploitation
	Information	
Created	2017-03-29	
Changed		
Version	1 79 MB	
System		
Downloads	0	]
SMARTsurg-Press Release-2017.03.14-Project Overview 🔒 📧	)	(0 votes)
	Information	
Created	Information 2017-03-29	
Created Changed	Information 2017-03-29	
Created Changed Version	07.46 KB	
Created Changed Version Size Svstem	Information 2017-03-29 97.46 KB	

Back

Figure 18: Check all available files for download



Version

Date Page

#### Social Media Channels 4

Following the project website development, a LinkedIn and a Twitter page were also created to strengthen the dissemination activities of SMARTsurg.

These pages will also be maintained and updated regularly with news, articles, multimedia content etc., in order to attract relevant stakeholders but also the general public to the project activities.

The LinkedIn page (Figure 19) is available at the following address:

https://www.linkedin.com/company-beta/17954911/ or https://www.linkedin.com/company/smartsurg-project/



SMART Re	MARTsurg Project search • 0-1 employees See jobs Manage page 4 followers	
About us		Recent update
SMARTsurg is a three-year Commission under its Ho advanced system for perfi cognitive load (shorter tra procedure time and expan	r research project funded by the European rizon 2020 programme. It aims to develop an orming Robot-Assisted MIS that will reduce surgeon's sining time), increase accuracy and safety, reduce MIS nd applicability.	
Project Partners: - University of the West of Coordinator) - Centre for Research and Institute (CERTH/ ITI) - Politecnico di Milano (PC - Bristol Urological Institu (NBT) - University of Bristol (Uof - European Institute of Or - TheMIS Orthopaedic Cer - Cybernetix - Optinvent SA - HIT Hypertech Innovatic	England/ Bristol Robotics Laboratory (Project Technology Hellas/ Information Technologies DLIMI) te (BUI) - North Bristol National Health Service Trust B) icology (IEO) iter (TheMIS)	Launch of SMARTsurg website https://lnkd.in/gCQerpa <b>See all updates</b>
Company Size 0-1 employees	Website http://smartsurg-project.eu/	
Industry Research	Founded 2017	
	Hide details ㅅ	

Figure 19: SMARTsurg's LinkedIn page

Also, the **Twitter** page (Figure 20) is available here:

https://twitter.com/SMARTsurg



SMARTsurg Project	TWEETS FOLLOWING FOLLOWERS LIKES MOMENTS 56 77 63 23 0	Edit profi
	SMARTsurg Project @SMARTsurg · Mar 22 Our co-ordinator @sanjadogramadzi	
	presents @SMARTsurg as a new #H2020 success story	
	Robabic Robabic Teleoperated	
	A Contract of the second	
	4 13 1 V	
	SMARTsurg Project @SMARTsurg · Mar 22 Check out our poster for #ERF2017	
	SMART SMART WEARABLE ROBOTIC	
	Develop as solvated system for Related Asstated MKS that relations the ourgaries' capability and advantation and the system of	
	<ul> <li>-hard exolutions with hapt (Mediak to control the surgic) instruments         - introving patter and concers through a web offer MS         - exolutions and a support and to incorrection the         - instruments arguing and the interpretation of the         - instruments arguing and the interpretation of the         - instruments and another instruments         - instruments instrument</li></ul>	
	Babala Porveia Na	

D7.2: Website and Social Media Presence Launch

Figure 20: SMARTsurg's Twitter page

Finally, a SMARTsurg **YouTube** channel was created to host all project videos: https://www.youtube.com/channel/UCqQX-sZVSDK0GYtPMMfqvUQ



# **5** Technical Specifications

The SMARTsurg website is built on top of Joomla 3.6 (https://www.joomla.org/) (Figure 21).

Joomla is a free and open-source content management system (CMS) for publishing web content. Joomla is written in **PHP**, uses object-oriented programming (OOP) techniques and software design patterns and includes features such as page caching, RSS feeds, printable versions of pages, news flashes, blogs, search and support for language internationalization.

Joomla supports **extensions**, which extend the functionality of Joomla websites. Over 7.700 free and commercial extensions are available from the official Joomla! Extension Directory and more are available from other sources. The SMARTsurg website uses plenty of extensions to achieve the functionality presented in the previous chapters.

×	System - Users - Menus - C	Content - Components - Extensions - Help -	SMARTsurg 🗗	<b>1</b> -
습	Control Panel		🔀 Joom	la!®
C	ONTENT	LOGGED-IN USERS		
Ø	New Article	HIT Administration	2017-03-06 14:49	
	Articles	X HIT Ste	2017-03-06 14:43	
	Media			
51		POPULAR ARTICLES		
	Menu(s)	171 Туродгарну	2016-02-18 07:13	
	Modules	139 Do not Delete 2	2016-03-22 02:16	
US	SERS	127 Media	2017-03-01 13:26	
5	Users	126 At a Glance	2017-02-28 14:48	
C	ONFIGURATION	99 Do not Delete 1	2016-03-22 02:28	
۲	Templates			
-	Language(s)	RECENTLY ADDED ARTICLES		
		Media Super User	2017-03-01 13:26	
		Results Super User	2017-03-01 13:26	
		✓ Kick-off meeting of SMARTsurg project at Bristol Super User	2017-03-01 03:38	
		Vision Super User	2017-02-28 15:31	
		Target Groups Super User	2017-02-28 15:31	

Figure 21: SMARTsurg's Joomla main page

The SMARTsurg website also takes advantage of the following software systems:

- Apache HTTP 2.4 (<u>https://httpd.apache.org/</u>), which is the most popular free and open-source web server available today.
- MySQL 5.7 (<u>http://www.mysql.com/</u>), as the database to store all website data.

Finally, and in order to track and report traffic, the SMARTsurg website was linked to **Google Analytics** (Figure 22), a popular service offered by Google (<u>https://analytics.google.com/</u>). Google Analytics is now the most widely used web analytics service on the Internet.

Google Analytics' approach is to show high-level, dashboard-type data for the casual user and more in-depth data further into the report set. Google Analytics analysis can identify



poorly performing pages, where visitors came from (referrers), how long they stayed, their geographical position etc.

All web Site Data							
Q. Search reports and help	Audience Overview	,				Mar 16, 201	7 - Mar 22, 2017 -
CUSTOMIZATION	Email Export + Add to Dasi	hboard Shortcut			This	eport is based on 100% of sessions. Learn more	Greater precision 👻 🕿
Reports	All Users 100.00% Sessions			+ Add Segment			
AUDIENCE	Overview						
Overvlew	Sessions 👻 vs. Select a n	netric				Hos	rly Day Week Month
Active Users	Sessions						
Cohort Analysis	30	-					
User Explorer							
User Explorer <ul> <li>Demographics</li> </ul>	15						
User Explorer  Demographics  Interests	15						
User Explorer  Demographics Interests Geo	•15	Mar 17	Mar 18	Mar 19	Mar 20	Mar 21	Mar 22
User Explorer Demographics Interests Geo Behavior	ens	Mar 17	Mar 18	Mar 19	Mar 20	Mar21	Mar 22
User Explorer Demographics Interests Geo Behavior Technology	•15	Mar 17 Users	Mar 18 Pageviews	Mar 19 Pages / Session	Mar 20	Mar 21 Returning Visitor	Mar 22 w Visitor
User Explorer Demographics Interests Geo Behavior Technology Mobile	ets Sessions 69	Mar 17 Users 39	Mar 18 Pageniews 297	Mar 19 Pages / Session 4,30	Mar 20 Avg. Session Duration 00:04:56	Mar 21 Returning Visitor Ne	Mar 22 w Visitor
Uaer Explorer Demographics Interests Geo Behavior Technology Mobile Custom	ensions 69	Mar 17 Users 39	Mar 18 Pageviews 297	Mar 19 Pages / Session 4,30	Mar 20 Arg. Session Duration 00:04:56	Mar 21 Returning Visitor N N	Mar 22 w Visitor
User Explorer Demographics Interests Geo Behavior Technology Mobile Custom Benchmarking	Sessions 69	Mar 17 Usara 39	Mar 18 Pagesiews 297	Mar 19 Pages / Session 4.30	Mar 20 Ang. Session Duration 00:04:56	Mar 21 Beturning Visitor Ne	Mar 22 w Visitor
User Explorer Demographics Intrevests Goo Behavior Technology Mobile Costom Benotimarking User Flow	Sessions 69 Bounce Rate 39, 13%	Mar 17 Users 39 % New Sessions 43,48%	Mar 18 Pageviews 297	Nar 19 Pages / Session 4,30	Mar 20 Arg. Session Duration 00:04:56	Mar 21 Beturning Viator Ne	Mar 22 w Visitor
User Explorer Demographics Interests Geo Behavior Demology Mobile Custom Benchmarking Users Flow ACQUISITION	Sessions 69 Bounce Rate 39,13%	Mar 17 Users 39 % New Sessions 43.48%	Mar 18 Pageritevas 297	Mar 19 Pager / Session 4.30	Mar 20	Mar 21 B Returning Visitor Ne 0.5%	Mar 22 w Vistor
User Explorer Demographics Interests Geo Bahavior Bahavior Custom Benchmarking Users Flow Custom Custom Custom Benchmarking Custom Cust	Sessions 69 Bounce Rate 39,13%	Mer 17 Users 39 % New Sessions 43.48%	Mar 18 Pagerievs 297	Mar 19 Pages / Session 4.30	Mar 20 Arg. Session Duration 00:04:56	Mar 21 Returning Viator Ne 0 1 5% 0 2000	Mar 22 w Vistor

Figure 22: Google Analytics for SMARTsurg website



# 6 Conclusion

The present document represents the deliverable "D7.2: Website and Social Media Presence Launch" of the SMARTsurg project. It reports the creation and launch of the SMARTsurg official website, emphasizing on its public and private sections and features, the social media channels of the project and finally the technical specifications of the website.

The website and the social media pages are the main communication tools for the project, where all the dissemination materials will be published in a timely manner. They will evolve and updated during the project life-cycle according to project progress. These tools aim to target a wide audience; the wider public and a more technical/ expert field of health professionals and IT companies and researchers, and promote the benefits and unique selling points of the SMARTsurg solution.