

# Exploitable Results by Third Parties

## DEMWatch

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### Project details

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Website:	<a href="https://itea3.org/project/demwatch.html">https://itea3.org/project/demwatch.html</a>

Name: Indoor pedestrian localisation system		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> <li>▪ Instruction set</li> <li>▪ BLE or IEEE 802.15.4 Ibeacons</li> </ul>	<ul style="list-style-type: none"> <li>▪ Sensor fusion algorithm based on the combination of inertial and iBeacons measurements</li> </ul>	<ul style="list-style-type: none"> <li>▪ Accurate positioning on a map</li> <li>▪ Distance, speed, time</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ A wearable (belt mounted) device that retrieves acceleration, gyroscopic and magnetic measurements used in combination to BLE or IEEE 802.15.4 Ibeacons to achieve indoor localization of a pedestrian</li> <li>▪</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ Calibration needed</li> <li>▪ Install radio Beacons in the indoor environment</li> <li>▪ Android smartphone</li> <li>▪ Visualization softwares (e.g. excel)</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ SME or large SME involved in indoor localisation activities</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>▪ CEA List <a href="http://www-list.cea.fr/">http://www-list.cea.fr/</a></li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>▪ mehdi.boukallel@cea.fr or pierre.roux@cea.fr</li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Licencing</li> </ul>	
<i>Latest update: &lt;08/30/2016&gt;</i>		

Name: EeleoCare remote health application		
Input(s):	Main feature(s)	Output(s):
	<ul style="list-style-type: none"> <li>▪ Provide online indoor and outdoor location data support in remote health care application</li> </ul>	
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ Integration of indoor and outdoor location data in remote health care application allows providing new services.</li> <li>▪ New services based on life habits analysis, coupled to medical data to detect changes in behavior and react accordingly (better prevention)</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ Indoor location sensors with wireless communication capabilities to be integrated in the ET01 gateway</li> <li>▪ Outdoor location sensors with wireless communication capabilities</li> <li>▪ Online application is deployed on any server with a               <ul style="list-style-type: none"> <li>○ Mysql database V5.7</li> <li>○ tomcat server V8.x</li> <li>○ Support of web services dedicated to the indoor / outdoor location sensors</li> </ul> </li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ Health Professionals that need to monitor health data and need to add location data to improve the monitor the habits of the patients.</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>▪ Eeleo <a href="http://www.eeleo.com">http://www.eeleo.com</a></li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>▪ Jacques Montes <a href="mailto:jacques.montes@eeleo.com">jacques.montes@eeleo.com</a></li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Commercial licence to be negotiated</li> </ul>	

*Latest update: 31 August 2016*

Name: Demwatch posture detection Android application		
Input(s):	Main feature(s)	Output(s):
	<ul style="list-style-type: none"> <li>Detection of the body posture thanks to a smartphone</li> </ul>	
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>Autonomous solution to detect the posture of anybody thanks to a smartphone located on the belt / pocket of the people.</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>Android smartphone</li> <li>SDK Min version : 21</li> <li>SDK Target version : 23</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>People who need to be carefully monitored because of special risks related to their health.</li> <li>The application can also be used in others domains to monitor people in dangerous locations (working in dangerous zones, etc.)</li> </ul> <p>Both categories could therefore be monitored in real time without cameras and with only GSM coverage. The application uses an algorithm that has been developed and which is the core of the app.</p>	
Provider:	<ul style="list-style-type: none"> <li>Actimage <a href="http://www.actimage.com">http://www.actimage.com</a></li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>Guillaume Sensenbrenner – <a href="mailto:guillaume.sensenbrenner@actimage.com">guillaume.sensenbrenner@actimage.com</a></li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>Commercial licence to be negotiated</li> </ul>	
<i>Latest update: 31 August 2016</i>		

Name: d-CAS – Shared Help and Care Record		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> <li>▪</li> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ A shared e-health solution for the follow-up of elderly at home based on multidimensional assessment tools of the RAI (Resident Assessment Instruments) series               <ul style="list-style-type: none"> <li>▪</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪</li> <li>▪</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ A unique shared medico-social electronic record implementing the home care and contact assessment instruments of the Resident Assessment Instruments (RAI : <a href="http://www.interrai.org">www.interrai.org</a>)</li> <li>▪ Enables efficient coordination of health professionals in a health territory / region</li> <li>▪ One single data entry (the multidimensional assessment of the beneficiary / patient) delivers outputs to multiple users : clinicians, health professionals, decision makers</li> <li>▪</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ Remote access from any workstation connected to internet and having a recent browser</li> <li>▪ Possibility of interconnection via WEB Services with a telemedicine system for continuous monitoring</li> <li>▪ Connectors to hospital information systems (to follow the full patient's pathway in a health territory)</li> <li>▪ The server module can be deployed on any server with :               <ul style="list-style-type: none"> <li>○ Mysql database v5.7</li> <li>○ Tomcat server v8.x</li> </ul> </li> <li>▪</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ Health professional organizations in charge of maintaining elderly with multiple pathologies at home</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>▪ TELEMEDICINE TECHNOLOGIES – <a href="http://www.tentelemed.com">http://www.tentelemed.com</a></li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>▪ <a href="mailto:Philippe.haran@tentelemed.com">Philippe.haran@tentelemed.com</a></li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Commercial licence to be negotiated</li> </ul>	

*Latest update: 31 August 2016*

Name: POSEIDON – Integrated telemedicine system		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> <li>Patients' vital signs and/or any monitoring device worn by the patient or installed at home</li> </ul>	<ul style="list-style-type: none"> <li>An Android mobile application to collect patients' vital signs</li> <li>A Data Collector Module and a case management module.</li> </ul>	<ul style="list-style-type: none"> <li>Case Management record.</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>An end-to-end flexible solution to capture vital signs and other signals via wireless connected devices</li> <li>A web application to manage a medical call center</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>Android tablet or smartphone</li> <li>The server module can be deployed on any server with :               <ul style="list-style-type: none"> <li>Mysql database v5.7</li> <li>Tomcat server v8.x</li> </ul> </li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>Home care monitoring services</li> <li>Clinical studies in real life conditions (at home)</li> <li>Telemedicine in remote areas</li> <li>Medical call centers</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>TELEMEDICINE TECHNOLOGIES – <a href="http://www.tentelemed.com">http://www.tentelemed.com</a></li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>Philippe.haran@tentelemed.com</li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>Commercial license to be negotiated</li> </ul>	
<i>Latest update: 31 August 2016</i>		