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ITEA 3 is a EUREKA strategic ICT cluster programme

Exploitable Results by Third Parties

12007 ProHeal, Automated Protection and healing Software Solutions

Project details

Project leader:	A.J.M. van Gijsel (DevLab)
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Name: Dietal customer case: Chemelot story (industrial market)		
Input(s):	Main feature(s)	Output(s):
▪ 24h x 7 days switched-on lighting on chemical plants ▪ need for lighting control without switches ▪ Energy saving: currently approx. 40.000 luminaries 24x7 on LED and limited on time	▪ active controlled lighting for ATEX plants	▪ wireless ATEX approved industrial luminaire (TPPL)

Unique Selling Proposition(s):	▪ easy to install at low costs, because of wireless switches and sensors ▪ easy to scale-up to thousands of luminaires ▪ make data available to owner or user of the building (such as usage of space, service of light, life time indication, energy usage, etc.
Integration constraint(s):	▪ all luminaries need a smart led driver of front end wireless unit
Intended user(s):	▪ chemical, petro-chemical industry ▪ retrofit offices, school buildings, shops, warehouse
Provider:	▪ Chess Wise, Richard Holkade 8a, 2033 PZ Haarlem, +31 23 5149149
Contact point:	▪ Han Bak
Condition(s) for reuse:	▪ License with Chess Wise

Latest update: 13-06-2017

Name: Erasmus/Stenden/Enexis story (office market)		
Input(s):	Main feature(s)	Output(s):
▪ replacement of conventional lighting by LED ▪ switching and dimming based on presence of people and level of light ▪ installation costs	▪ active presence and light control ▪ low cost installation of switches and sensors ▪ retrofit in existing installation without high additional cost	▪ Functional light control system with energy savings ▪ Easy to maintain/change the lay-out of the building interior
Unique Selling Proposition(s):	▪ easy to install at low costs, because of wireless switches and sensors ▪ easy to scale-up to thousands of luminaires ▪ make data available to owner or user of the building (such as usage of space, service of light, life time indication, energy usage, et	
Integration constraint(s):	▪ all luminaries need a smart led driver of front end wireless unit	
Intended user(s):	▪ chemical, petro-chemical industry ▪ retrofit offices, school buildings, shops, warehouse	
Provider:	▪ Chess Wise, Richard Holkade 8a, 2033 PZ Haarlem, +31 23 5149149	
Contact point:	▪ Han Bak	
Condition(s) for reuse:	▪ License with Chess Wise	
	Latest update: 13-06-2017	

Name: SLAC software		
Input(s):	Main feature(s)	Output(s):
▪	▪ SLACs simultaneously localizes both the user and the devices of a system deployed in an indoor environment. https://github.com/wouterbulten/slacjs	▪

Unique Selling Proposition(s):	▪ SLAC software allows self-localization of a network even under outer disturbances
Integration constraint(s):	▪ time
Intended user(s):	▪ community that builds IoT solutions based on Nordic chips
Provider:	▪ Almende / Crownstone
Contact point:	▪ team@crownstone.rocks
Condition(s) for reuse:	▪ LGPL v3+
	Latest update: 13-06-2017

Name: Crownstone software		
Input(s):	Main feature(s)	Output(s):
▪	▪ Self configurating IoT network. https://github.com/crownstone/bluenet https://github.com/crownstone/bluenet-ios-lib https://github.com/crownstone/CrownstoneApp https://github.com/crownstone/nRF51-ble-bcast-mesh	▪

Unique Selling Proposition(s):	▪ A complete self-organizing network
Integration constraint(s):	▪ collaboration with Van Mierlo w.r.t. electronics
Intended user(s):	▪ community that builds IoT solutions based on Nordic chips, end customers
Provider:	▪ Almende / Crownstone
Contact point:	▪ team@crownstone.rocks
Condition(s) for reuse:	▪ LGPL v3+, Apache, MIT, commercial service contracts
	Latest update: 13-06-2017