WiSHFUL

Wireless Software and Hardware platforms for Flexible and Unified radio and network controL

Project Deliverable D3.5

Second software development kit and toolset for radio control

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Lead beneficiary:	CNIT
Authors:	Domenico Garlisi (CNIT), Daniele Croce (CNIT), Fabrizio Giuliano(CNIT), Ilenia Tinnirello (CNIT), Pierluigi Gallo (CNIT), Bartholomeu Liberato (TCD), Diarmuid Collins (TCD, Francisco Paisana (TCD), Peter Ruckebusch (IMINDS), Spilios Giannoulis (IMEC), Bart Jooris (IMEC), Jan Bauwens (IMEC), Anatolij Zubow (TUB), Piotr Gawłowicz (TUB)
Reviewers:	Ingrid Moerman (IMEC), Mikołaj Chwalisz (TUB)
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Abstract:

This deliverable reports the second release of the software development kit (SDK) and toolset facilities. This is a companion deliverable of D3.4, which provides capabilities and description, while the present deliverable contains the SDK implementation. **WiSHFUL SDK** includes the UPI_R implementation, specifically the **modules** for controlling WiSHFUL programmable **platforms** and **protocol** (addressed a specific technology). The UPI_R functions implementation is grouped in modules, each module supports a programmable platform or a specific technology. The **WiSHFUL toolset** is a set of software facilities for management including scripts, configuration facilities, as well as software for interacting with experiment. **WiSHFUL toolset** also includes group of software tools that permit to work on WiSHFUL facilities according to the white-box approach and offer platform-specific tools for defining new radio programs to be executed on WMP and TAISC platform.

The source code can be found in https://github.com/wishful-project

Keywords:

Software release, SDK, toolset, UPI_R, implementation.