

Management and analysis of massive data streams to support large-scale collaborative engineering projects

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The goal of the EU funded project SMART VORTEX is to provide a technological infrastructure consisting of a comprehensive suite of interoperable tools, services, and methods for intelligent management and analysis of massive data streams to achieve better collaboration and decision making in large-scale collaborative projects concerning industrial innovation engineering.

SMART VORTEX aims to reinforce EU competitiveness in industries working in complex collaborative scenarios, with massive data streams.

SMART VORTEX will create suite of innovative high-impact components. The single most important outcome of SMART VORTEX is the integration of component results into an application solution platform infrastructure where its components are covering all target outcomes: capturing tractable information, delivering pertinent information for collaboration and decision support.

The SMART VORTEX Suite is an infrastructure containing architecture, methods for intelligent management and analysis of massive data streams, tools and services for supporting large-scale collaborative engineering projects.

SMART VORTEX will produce demonstrators to be used for outreach and industrial take-up as public deliverables related to its Outreach and Take-up activities. This serves SMART VORTEX's dissemination and outreach interests and also protects the IPR of its Industry Partners.

SMART VORTEX is a Large Integrated Project co-financed by the European Union within the Seventh Framework Programme, lasting 48 months and with a budget of 10.7 Mio EUR. 14 Partners (Inmark, Volvo, Sandvik Coromant, Hägglunds Drives, Philips, FTK, InConTec GmbH, Alkit Communications, FernUniversität Hagen, Delft University of Technology, Technische Universität Darmstadt, Luleå University of Technology, Uppsala University, Sapienza – Università di Roma) from 5 EU member states, 7 scientific research institutions and 7 manufacturing and/or advanced services companies, form the Consortium.

Additional information can be found at <http://smartvortex.eu>