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New IDS potential transformed into business models

IDSA members present their application-oriented use cases at the Hannover Fair

With the "IDS_ready" certificate for a secure Data exchange and the latest "IDS reference architecture model 3.0" the IDS architecture will become the new global standard for data transfer, data security and data sovereignty. This offers new and broad potential for the economy. How this potential can be transformed into business models will be demonstrated by application-oriented and cross-company use cases at the Hannover Fair.

The use cases will be presented by IDSA member companies at the joint booth of IDSA and FIWARE in hall 8, C25, but also at the booth of Fraunhofer and at the High Tech Holland pavilion:

The use cases

- o Cefriel: "OLOGER – i4.0 Smart Logistic"
  Sensor-based quality monitoring for goods deliveries.

- o DATA AHEAD: "TWINSTRUCTION"
  Bottom-up digitization of the construction site power distribution from Operations to Administrations, Insurance and Finance. [Daily use case presentation during the fair: 10:00 am]

- o Deutsche Telecom / Setlog: "Logistics Cost Reduction based on predicted lead times"
  Costs can be reduced due to quote comparison and increased on-time delivery ratio; nablement of an optimized capacity and resource planning for logistics [Daily use case presentation during the fair: 16:30 pm]

- o IBM / thyssenkrupp / Fraunhofer ISST: "Industrial Additive Manufacturing Services"
  Easy access to Additive Manufacturing technology and services for small and medium enterprises [Daily use case presentation during the fair: 12:00 am]

- o Innovalia: "Digital Feedback/Forward Loops for Manufacturing Excellence"
  Enhanced product performance, manufacturing excellence across the product lifecycle, smart defect forecasting and predictive maintenance tasks planning

- o nicos: "motic®-Broker for a Secure Data Room"
  Management Of Things, Identities and Credentials

- o Orbiter: "Smart Mobility Payment Solution"
  Orbiter provides a ready to use blockchain solution including automated payment and sensor technology for secure exchange of data between IoT objects

- o Brainport Industries / TNO: Digital innovation hub "the Smart Connected Supplier Network" creates a 20% more productive supply chain for High Tech machine building.

More use cases at other booths

o Fraunhofer booth, hall 2, C22:

Fraunhofer ISST / Deutsche Telekom: Low-cost IoT tracker that monitors pallet transport and communicates with the Telekom Data Intelligence Hub via IDS connector.

o Smart Factory KL, hall 8, D18 & Holland High tech pavilion, hall 8, D34:

Smart Factory KL/ Brainport Industries/ TNO/ ISAH: Joining forces for world class interoperability in European manufacturing: Create your order easily, Transfer it seamlessly and securely, Produce it flexibly.

IDSA is getting more and more international

More and more countries are establishing country hubs in alignment with the IDSA

Already 6 HUBS are official partner for IDSA

Tendency: more and more countries are establishing country hubs in alignment with the IDSA in order to build bridges for growth in the respective countries. IDSA would like to use these partners to disseminate its standard on data sovereignty and data ecosystems in Europe and beyond, and to intensify cooperation with international R&D organisations and companies.

At present there are already six partner hubs (Netherlands, France, Finland, Czech Republic, Italy and Spain). Three more countries are about to sign the contract with International Data Spaces Association.

TNO connects the Netherlands through a European standard for data sharing – Netherlands sign the agreement to become an official IDSA hub

On March 18th-20th, during the Digital Week in Hilversum the International Data Spaces Association (IDSA) and TNO signed an agreement confirming that TNO will become the Dutch IDS Hub, a promising European standard for sovereign, controlled and ultimately audit-proof data sharing. With the establishment of the Dutch IDS Hub, initiatives in the field of secure data sharing will gain a significant boost. The signing took place during the Smart Industry Annual Event in Hilversum, part of the Netherlands Digital Conference.

Further International Data Spaces Association marks iSHARE as an important step towards digitally networked industry

At the same time the International Data Spaces Association laid out its action plan to include the iSHARE data-sharing scheme, a Dutch government's Logistics Top Sector initiative to stimulate data-sharing. IDSA's choice for iSHARE is in line with its strategy to support the secure and easy exchange of data in business eco-systems worldwide on the basis of standards.