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→ NIST Risk Management Framework

The U.S. National Institute of Standards & Technology (NIST) released version 2 of its *Risk Management Framework* (aka Special Publication 800-37). This new version includes seven objectives, and add a preparation step. Security, privacy and supply chain risks are now all part of the framework.

The release inconveniently occurred just as the partial government shutdown started, but cébé is not shut down and we downloaded the document before the NIST website went dark. So if you need it now, [please let us know](#) and we will send it to you.

→ IIC and OpenFog Consortium Merge

The Industrial Internet Consortium® (IIC) and the OpenFog Consortium announced they have agreed to merge, providing stronger unified guidance in the areas of Industrial IoT, fog and edge computing. Details are supposed to be finalized in early 2019. This will include the governance structure, membership transition for existing OpenFog Consortium members, cadence of meetings, etc.

IIC periodically rotates its focus from one vertical industry to another. Right now, the focus is on Intelligent Transport Systems (ITS). OpenFog has also been very focused on smart cars, which is one of the applications where the dense fabric of 5G networks will be useful.

To learn more, consider attending the next edition of the IIC's Global Event Series: *Building Intelligent Infrastructures*, held in Cary, NC, on Friday 15 February. This is a free event but registration is required.

→ Pass the Process, Please...

During the Object Management Group meeting in Seattle five weeks ago, Denis Gagné of Trisotech led an impressive online demonstration of the interchange capability between business process design tools enabled by the OMG's BPMN (Business Process Model and Notation) standard.

In the live demo, various parts of a process model were created separately in different tools, shared through a Dropbox, edited by others and finally "stitched together," all within 30 minutes by 10 participants located in the US, Canada, UK, Germany, Italy, Sweden and Poland. The model interchange actually worked better than the videoconference technology (surprise!). [You can view the recorded session here.](#)

→ Industrial IoT in Energy

Also during the last OMG meeting, Claude Baudoin chaired a half-day forum on IIoT Standards for Energy. Since we were not in oil country, the focus was on electric power generation, including smart grids and microgrids.

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There were three excellent presentations, prefaced by an introduction to OMG and IIC, and followed by an open discussion:

- Graham Bleakley of IBM presented the IIC's Industrial Internet Reference Architecture and its relationship with the OMG's Unified Architecture Framework.
- Ron Melton, from Pacific Northwest National Laboratory (PNNL) described GridAPPS-D, which is a "standards-based, open-source platform to develop applications for the operation and control of advanced electric power distribution systems."
- Gerardo Pardo-Castellote, from Real Time Innovations (RTI) described the IIC testbed for Distributed Energy Resources (DER) microgrids.

The presentations are available from [the forum's agenda page](#) (click on the "View PDF" link to the right of each title).

→ Seen Recently...

"Feds Can't Force You to Unlock Your iPhone With Finger or Face, Judge Rules"

- Thomas Brewster, writing for Forbes.com. U.S. law protected a suspect from having to give police a password to unlock their device, but that protection did not apply to biometric data that could be used to the same effect. This ruling basically says that all forms of authentication are equally protected.