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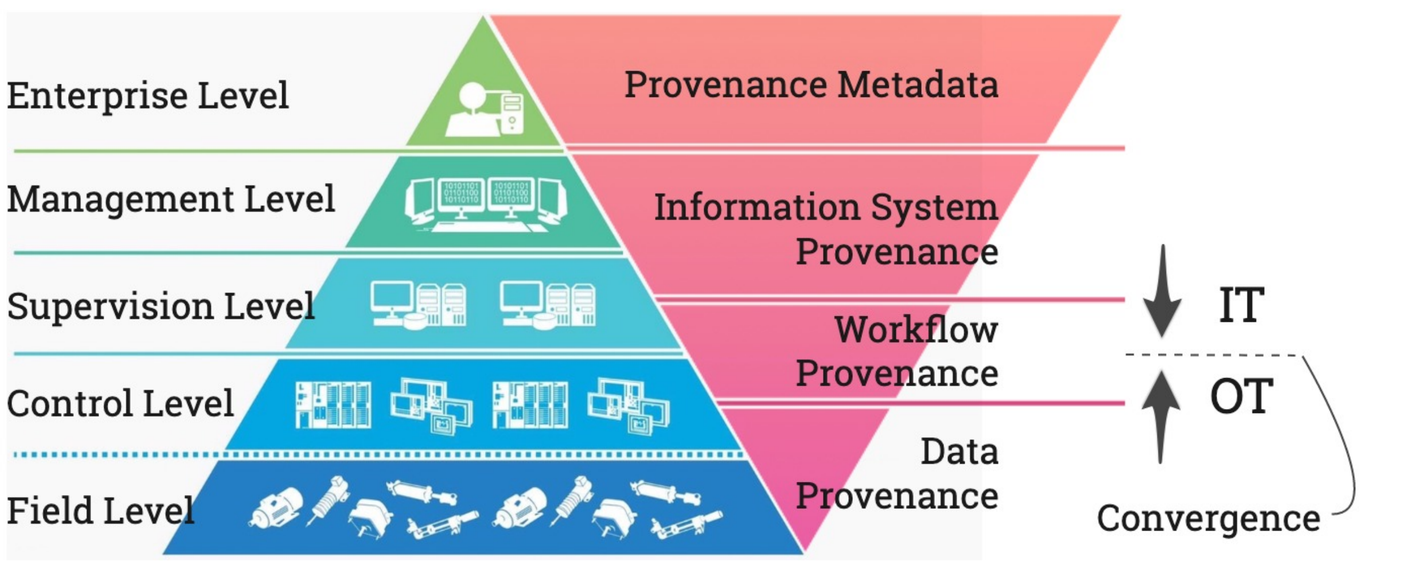
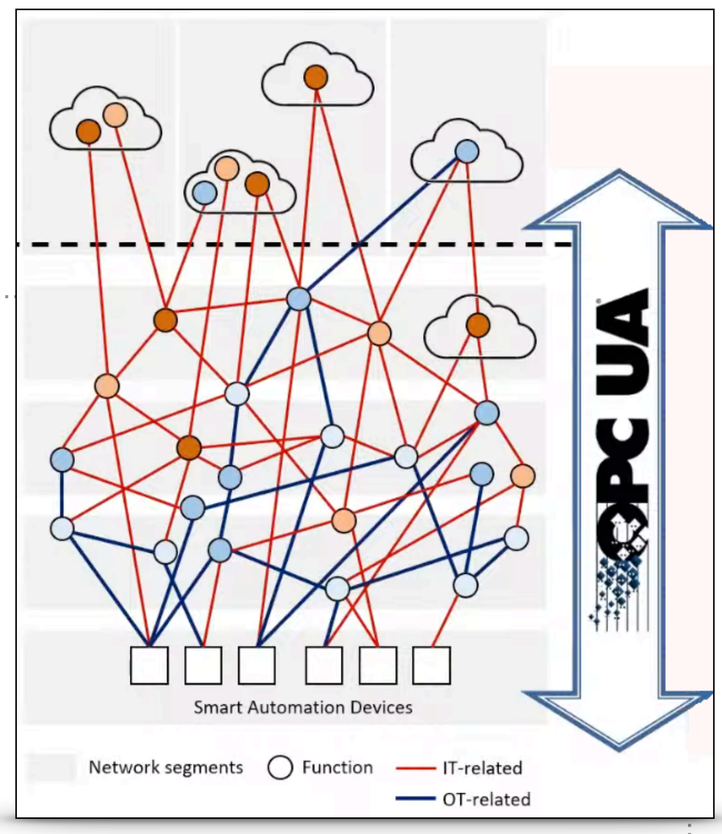
Towards Provenance Integration for Field Devices in Industrial IoT Systems

Iori Mizutani, Jonas Brütsch, and Simon Mayer

Provenance from/to field devices for the ***IT/OT convergence***

Industrial Internet of Things (IoT) systems are becoming increasingly complex with interconnected field devices. To cope with the complexity and to facilitate further interoperability between heterogeneous field devices, it is necessary to have a holistic understanding of different types of provenance information about field devices and associated processes.
In this poster, we investigate the potential integration of such provenance with the W3C Web of Things (WoT) and current industrial standards to realize more explainable, efficient, and safer industrial IoT systems.





Integration of Provenance with the ***WoT*** and ***existing industrial standards***