

Atos Breakout session
12 09 2019 – 10.00

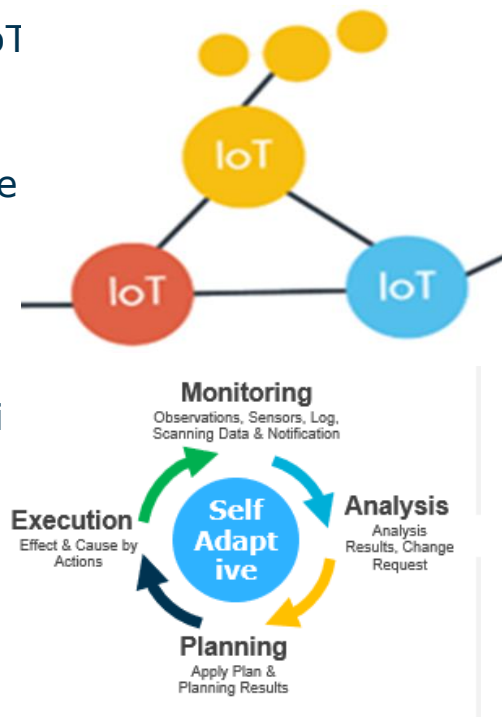
Self adaptive IoT Systems

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Self Adaptive IoT Systems

- ▶ IoT is just at the beginning of a decade-long development – The IoT service market will reach maturity only in 2025 and keep growing strongly until 2030.
- ▶ Key challenge in IoT systems is to achieve service levels and secure the uninterrupted flow of business-critical data. Emphasis is on speed of making new business data available is of key importance.
- ▶ Approach explored for challenges is Self adaptive systems i.e. ability of a system to adjust its behavior in response to the perception of the environment and the system itself. For this we will be dealing with the situation at the level of the devices itself by applying built-in learning possibilities (control loops + evaluation)
- ▶ Proof of concept findings will be demoed and explained for security use case - which is able with ML to detect DDoS attacks (for example), as soon as they are carried out, before damaging the device or the IoT system



Purshottam Purswani



Expert's Bio	
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Title	Chief Architect
Email address	Purshottam.Purswani@atos.net
Biography Text [max 150 words]	<p>Purshottam is a chief architect with more than 20 years cross-industry IT experience in the Telecom, Manufacturing and financial sectors. In his 20 year experience, he has fulfilled a variety of roles including Enterprise architecture, IT management, and program management. Purshottam is now responsible for the strategy and driving innovation for customers in APAC. A member of the Atos Scientific Community and part of Atos Distinguished expert.</p> <p>He joined the Data Intelligence Expert Community. With Do and Eric Monchalain published recently the white paper "Swarm Intelligence, the game changer to reinvent our future".</p>
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Do van Rijn



Expert's Bio	
First Name	Do
Last Name	van Rijn
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Title	Bid Executive Large Deals
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Biography Text [max 150 words]	<p>Joined the Expert Community at the start specializing in to Swarm Intelligence. With Purshottam Purswani and Eric Monchalain published recently the white paper "Swarm Intelligence, the game changer to reinvent our future".</p> <p>In daily life working as a Bid Manager in the Large Deal team for BTN since 1999. Within the Group responsible for delivering the Successful Bidding training on the Atos Bid Process. Currently working on an IoT bid under the umbrella of the Siemens alliance.</p>
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Cyrille Sauvignac



Expert's Bio	
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Title	Innovation Manager
Email address	Cyrille.sauvignac@atos.net
Biography Text [max 150 words]	<p>Sound expertise in business development, R&D programs and innovation management, currently Cyrille is in charge of Atos Aquitaine innovation Lab. Experienced Project Manager with a passion for addressing new business challenges, Cyrille is fully engaged with the ability to generate long-term working relationships with clients and colleagues as his main skill.</p> <p>Joined the Data Intelligence Expert Community. Following co innovation with Red Hat and Atos Managed OpenShift team, showed Smartcity Platform As A Service in expert conference 2018.</p>
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