



Large Scale IoT deployment in Carouge, Switzerland

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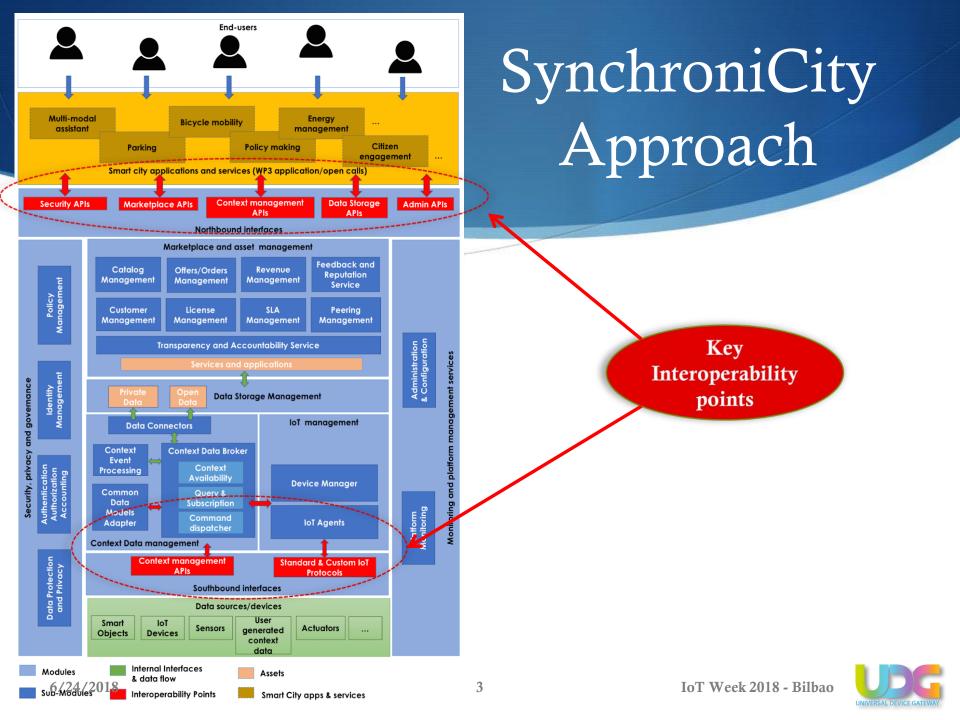
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Challenges

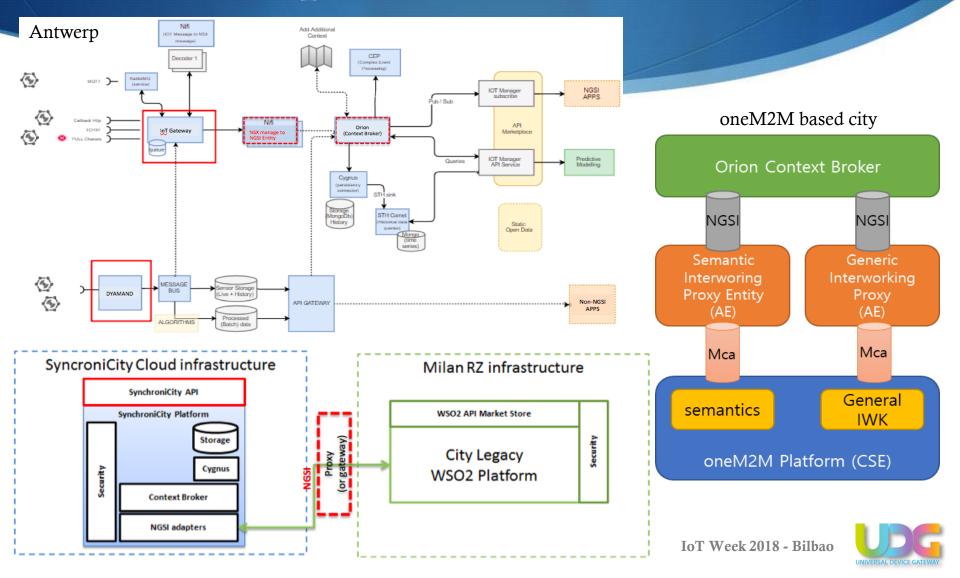
- Heterogeneous Multi-protocol Integration
- Cross-platform integration
- Security and Privacy
- Data interoperability
- Business process supports



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Cross-platform integration



SynchroniCity in Carouge



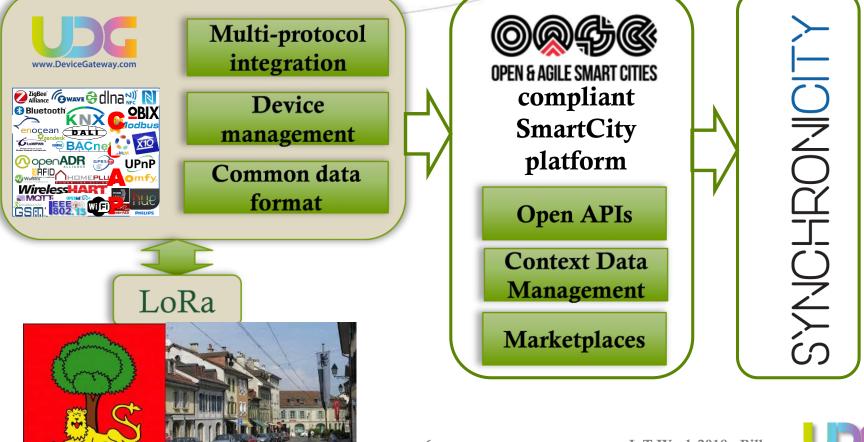
- The first Swiss city implementing international standards based multi-domain, multi-platform interoperable Smart City solutions
- Smart Parking
- Noise monitoring
- Public transportation information
- (plan) Air quality



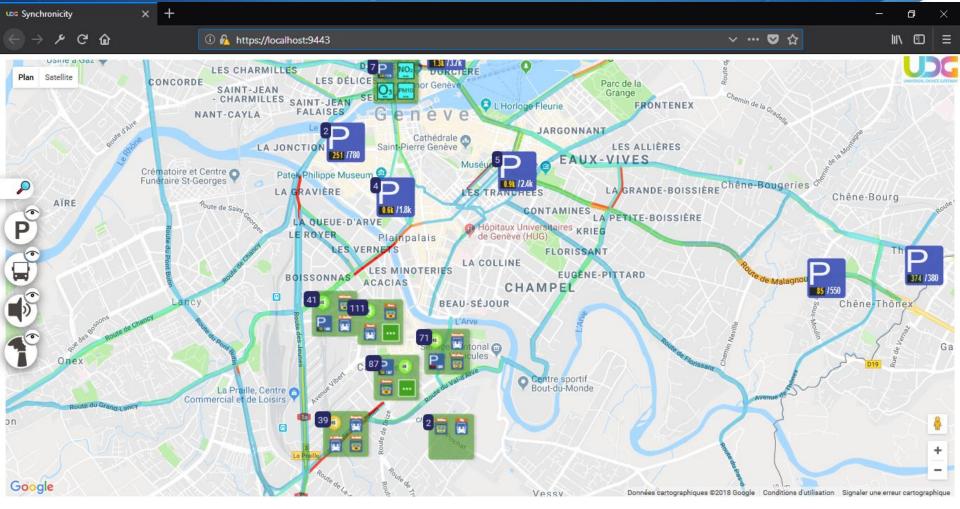
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SynchroniCity Framework in IoT Integration

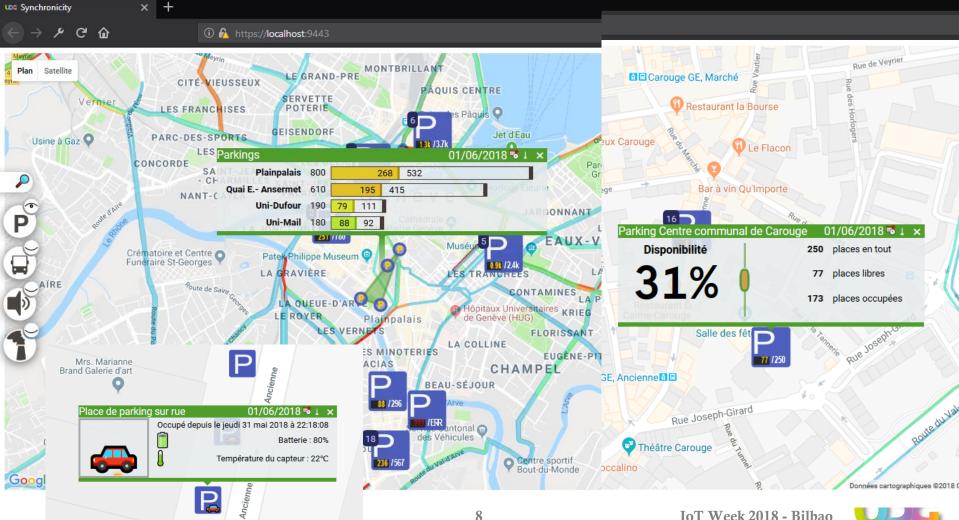


Carouge – Multi-domain service integration (1/4)



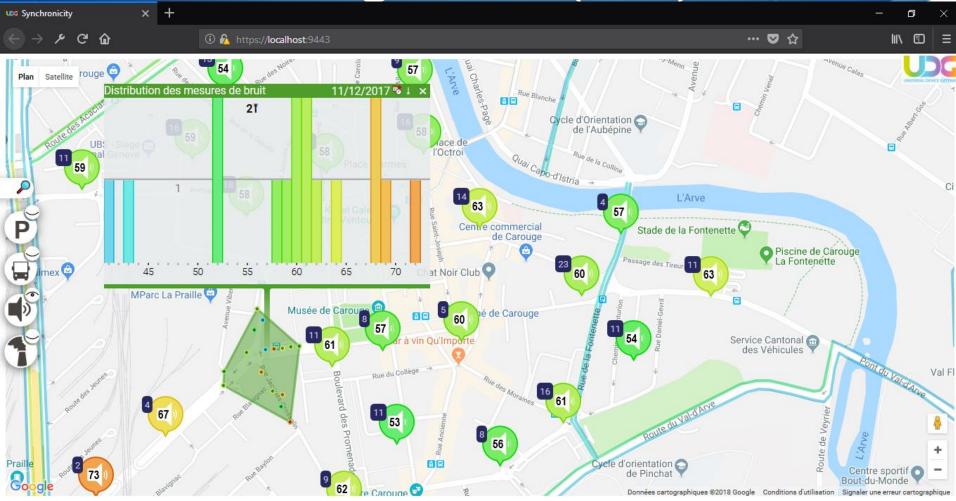


Carouge – Multi-domain service integration (2/4)





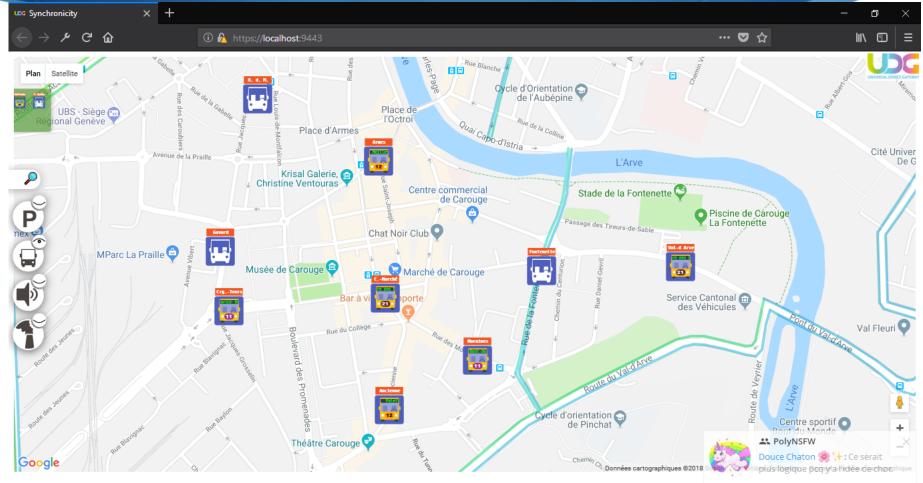
Carouge – Multi-domain service integration (3/4)



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Carouge – Multi-domain service integration (4/4)



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Challenges and Opportunities

- Research activities + Real field deployment
 - Privacy policy enhancement for further services
 - Intelligent data management
- Efforts from Multi-community
- Challenges bring more opportunities



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Thank you for Listening!

Let things work together! Let things work for you.

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