

Gruppo Telecom Italia
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3rd IEEE Conference on Network
Softwarization (NetSoft 2017)

3-7 July 2017, Bologna, Italy



Welcome to IEEE NETSOFT 2017

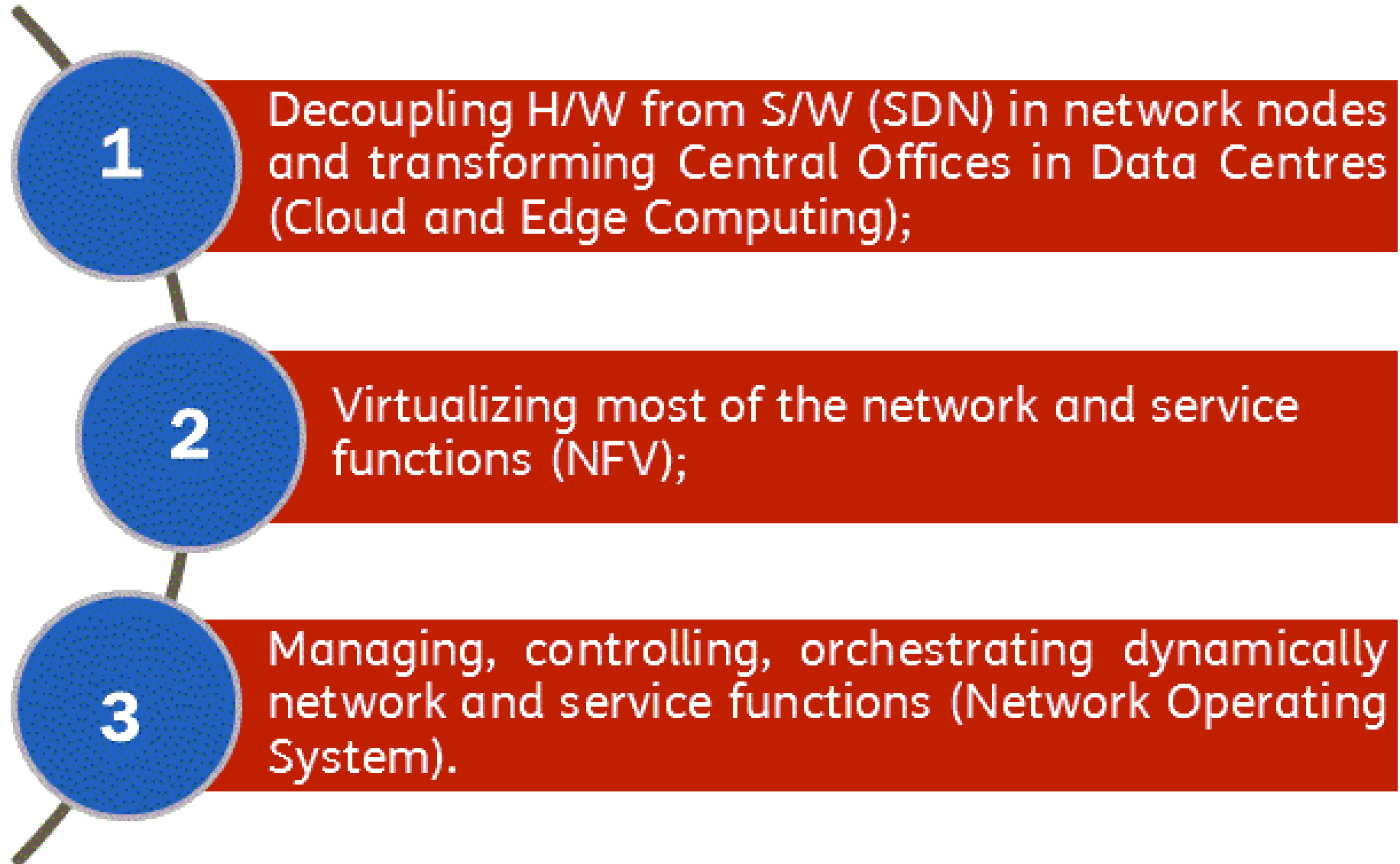
Softwarization Sustaining a Hyper-connected World: en route to 5G

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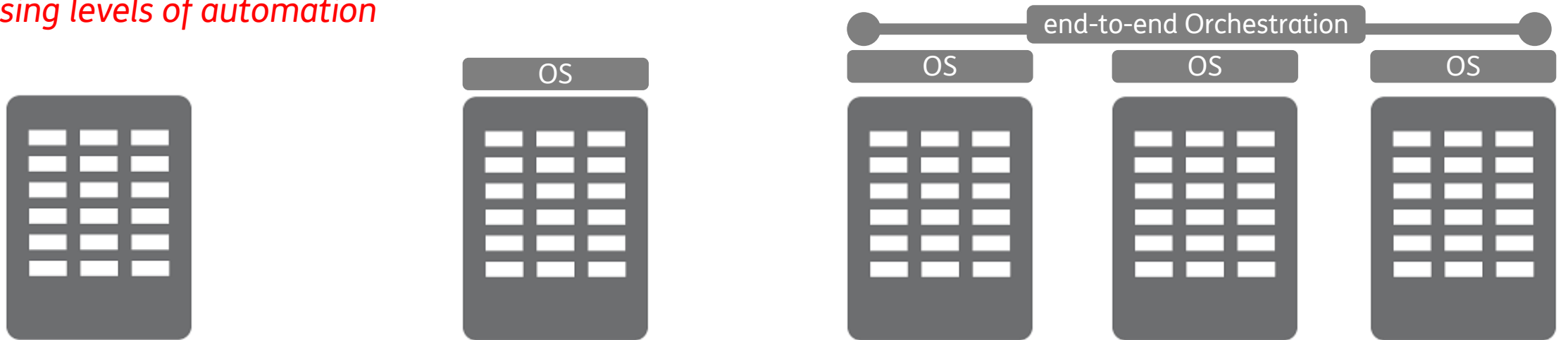


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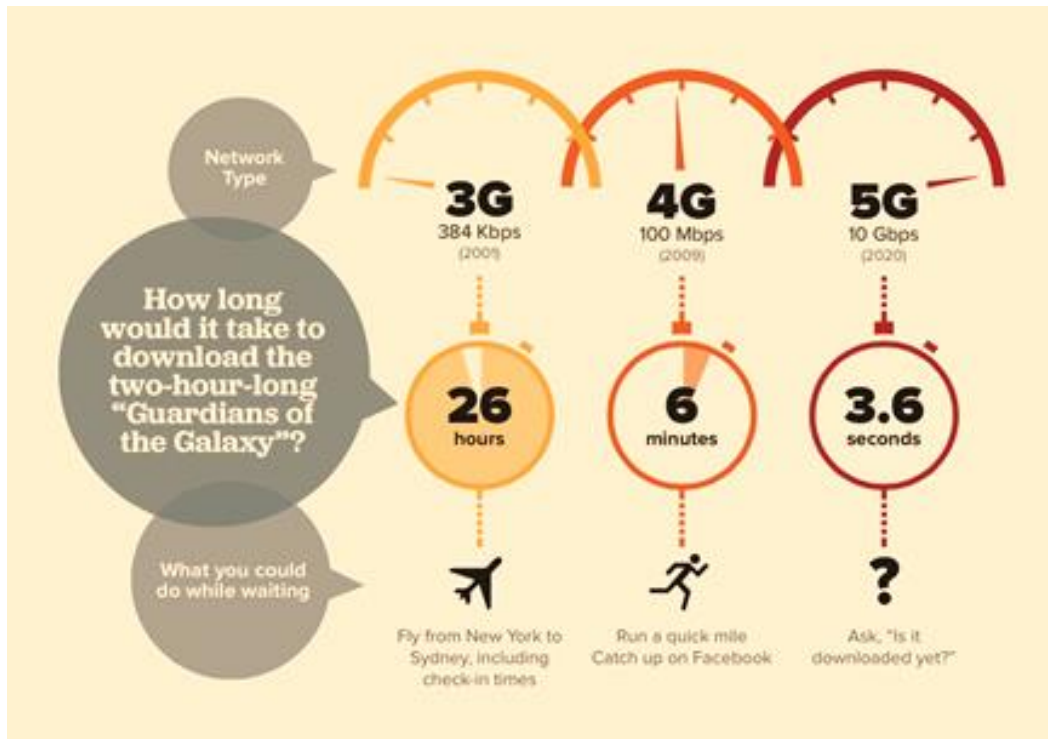
- Central Offices are becoming Data Centers
 - Networks are becoming more and more pervasive and hyper-connected
 - Softwarised Infrastructures will be a highly pervasive “Networks with the Clouds inside”
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- DC architectures overcoming the “spaghetti” cabling
 - Leveraging on H/W Componentization (OCP, TIP)
 - Increasing levels of automation
- Operating System (SDN)
 - Virtualizing Network Functions and Services (NFV)
 - Full local automation
- Full integration SDN and NFV
 - End-to-end Service Orchestration (inter DC)
 - Balancing local vs global automation



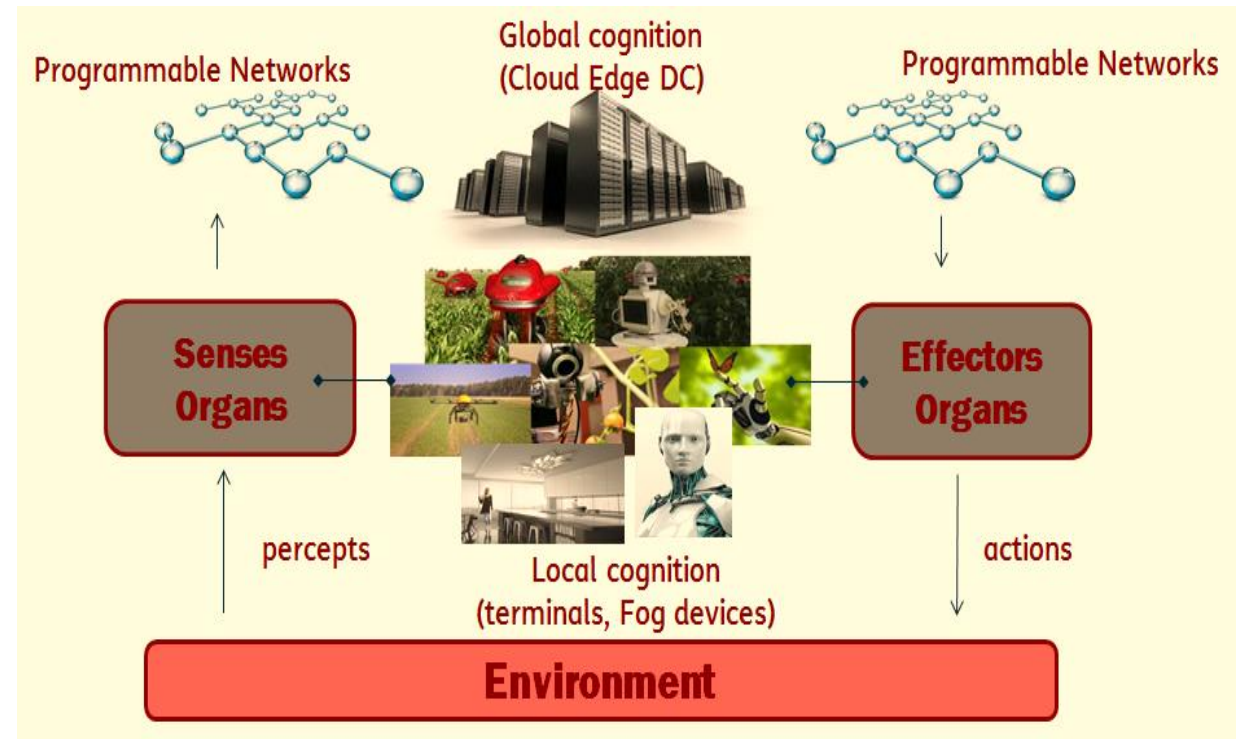
Growing levels of efficiency, programmability, and automation (computational intelligence)
Increasing impacts on processes, people and Company “culture”

Softwarization Sustaining a Hyper-connected World: en route to 5G

- Computational Intelligence will be deployable everywhere (e.g., control loops for I4.0, IoT,...)
- 5G will be more than a new radio access and core (for higher bandwidth and lower latency)
- 5G will be a complete end-to-end software platform supported by hyper-connected networks for the needs of the future Digital Society and Digital Economy.



<http://commsbusiness.co.uk/features/the-impact-of-5g/>



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Have a nice conference !