

OT-fieldbus structures unnecessarily bloating the Scada-network

“The opposite of isolation is networking and networking requires networkers!”

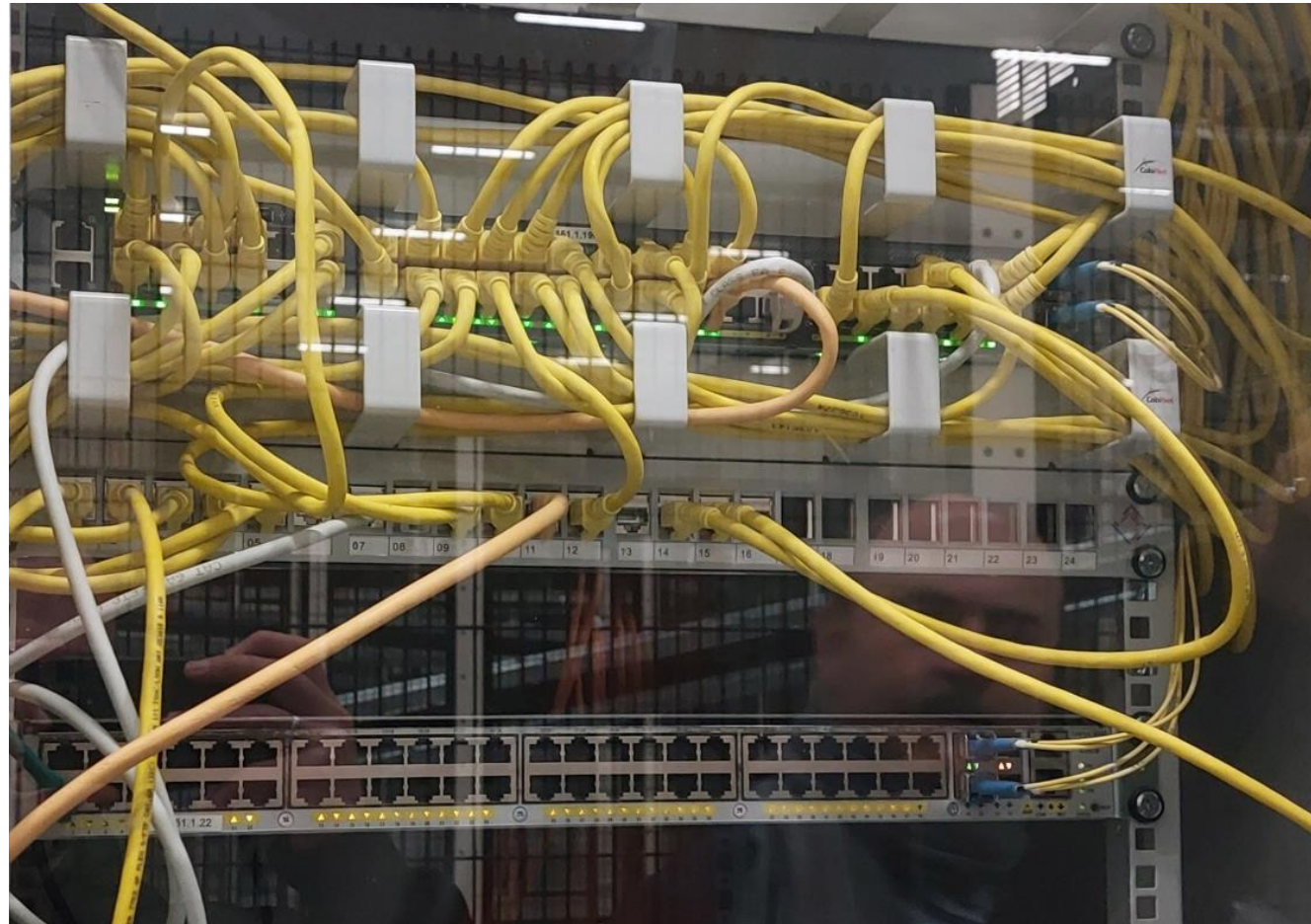


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Do IT and OT understand each other?

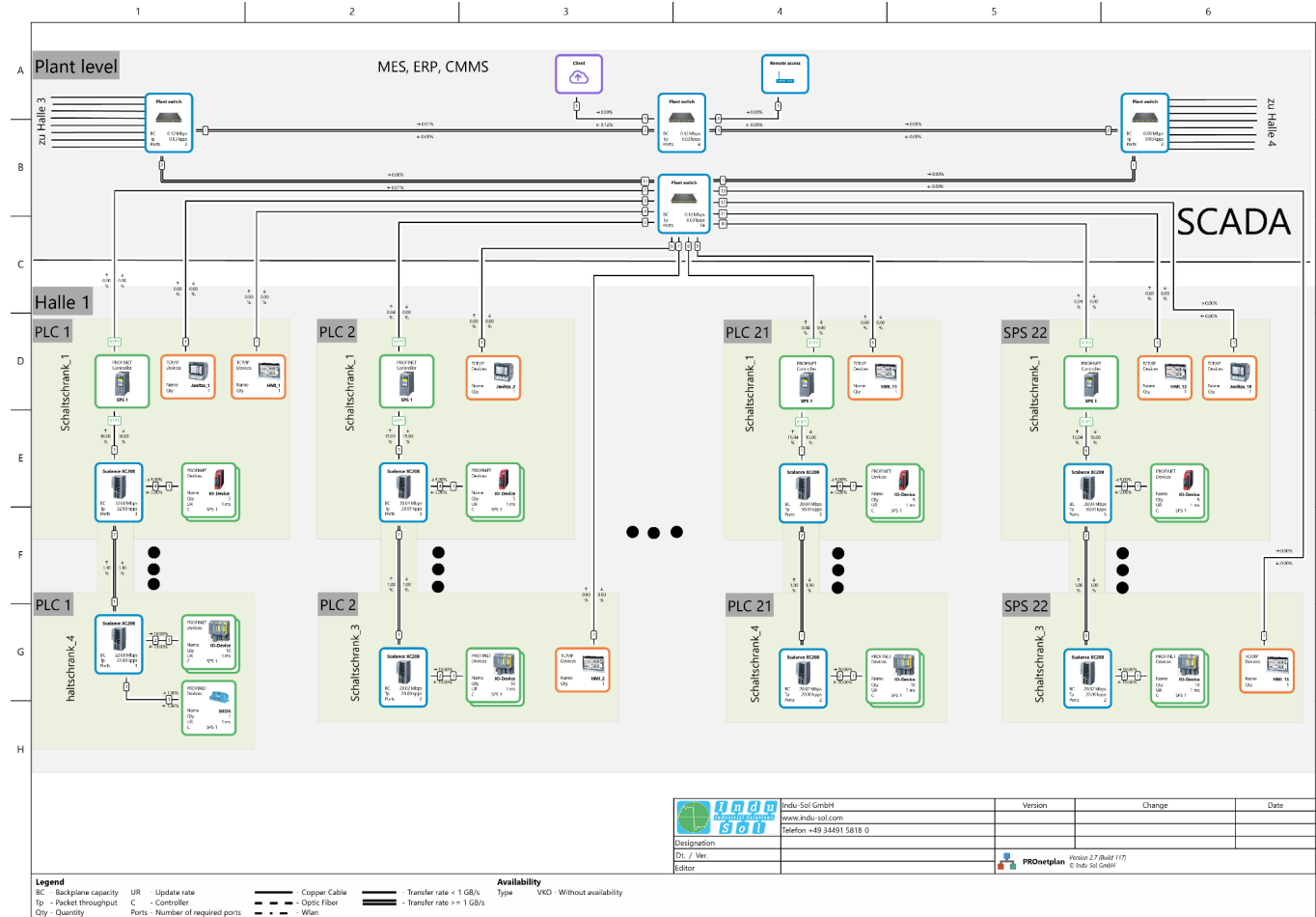


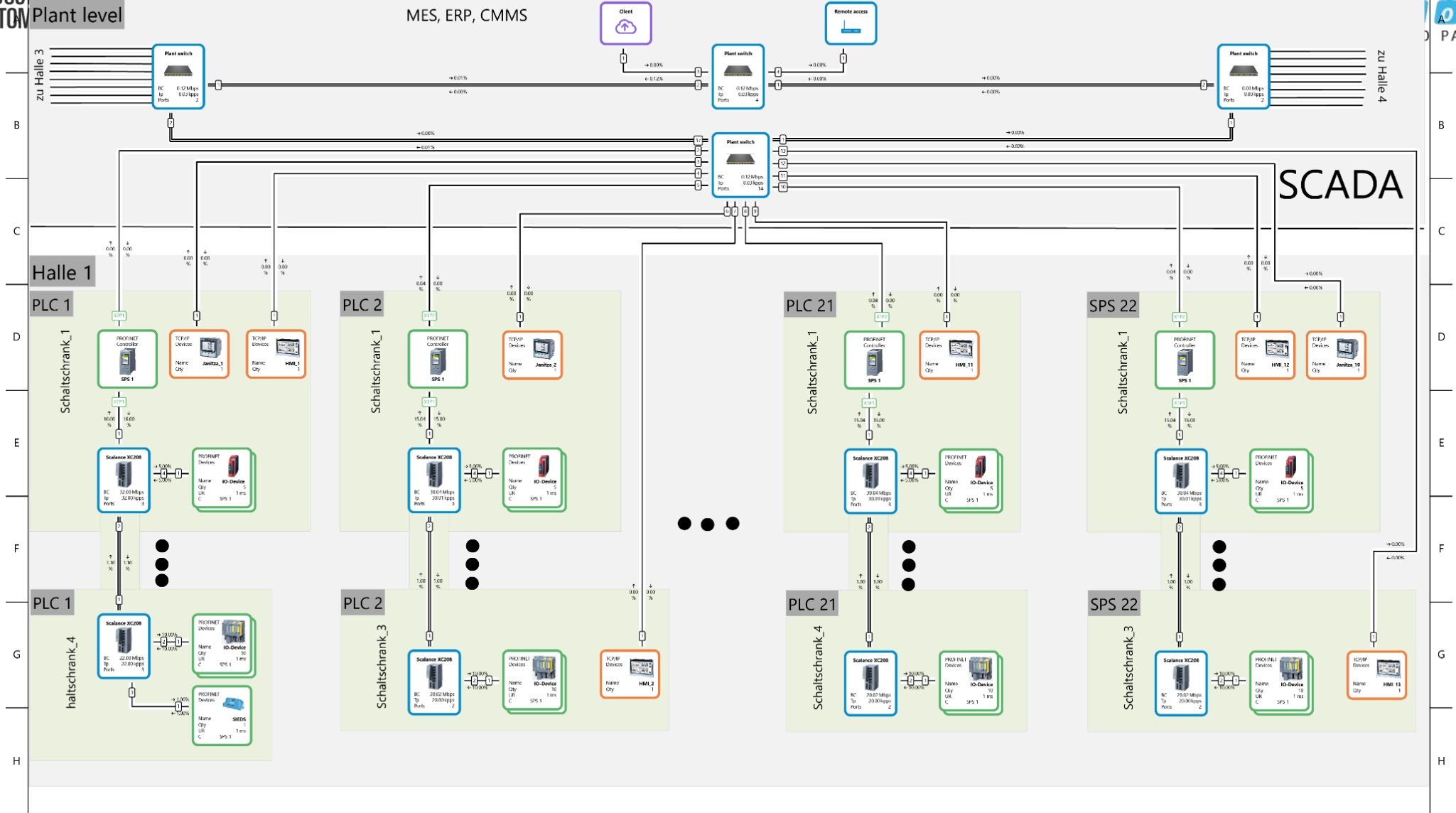
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Initial topology





Designation	Version	Change	Date
DL / Ver.			
Editor			

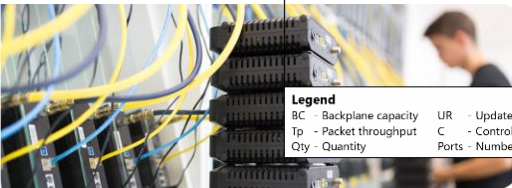
Indu-Sol GmbH
www.indu-sol.com
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PRONetplan Version 2.7 (Build 117)
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Legend
 BC - Backplane capacity UR - Update rate
 TP - Packet throughput C - Controller
 Qty - Quantity Ports - Number of required ports

Availability
 Type VKO - Without availability

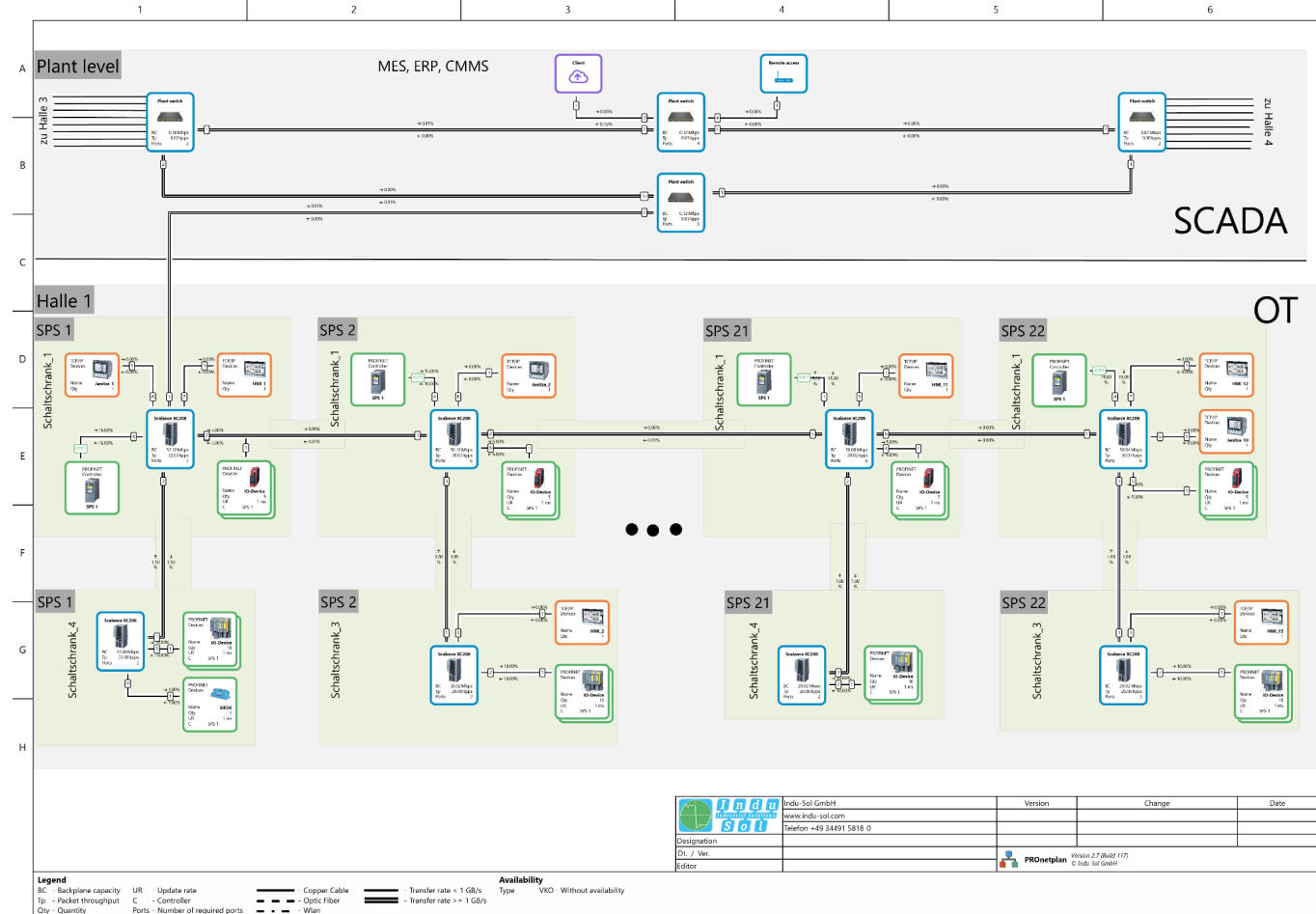
— Copper Cable — Transfer rate < 1 GB/s
 — Optic Fiber — Transfer rate >= 1 GB/s
 - - - Wlan



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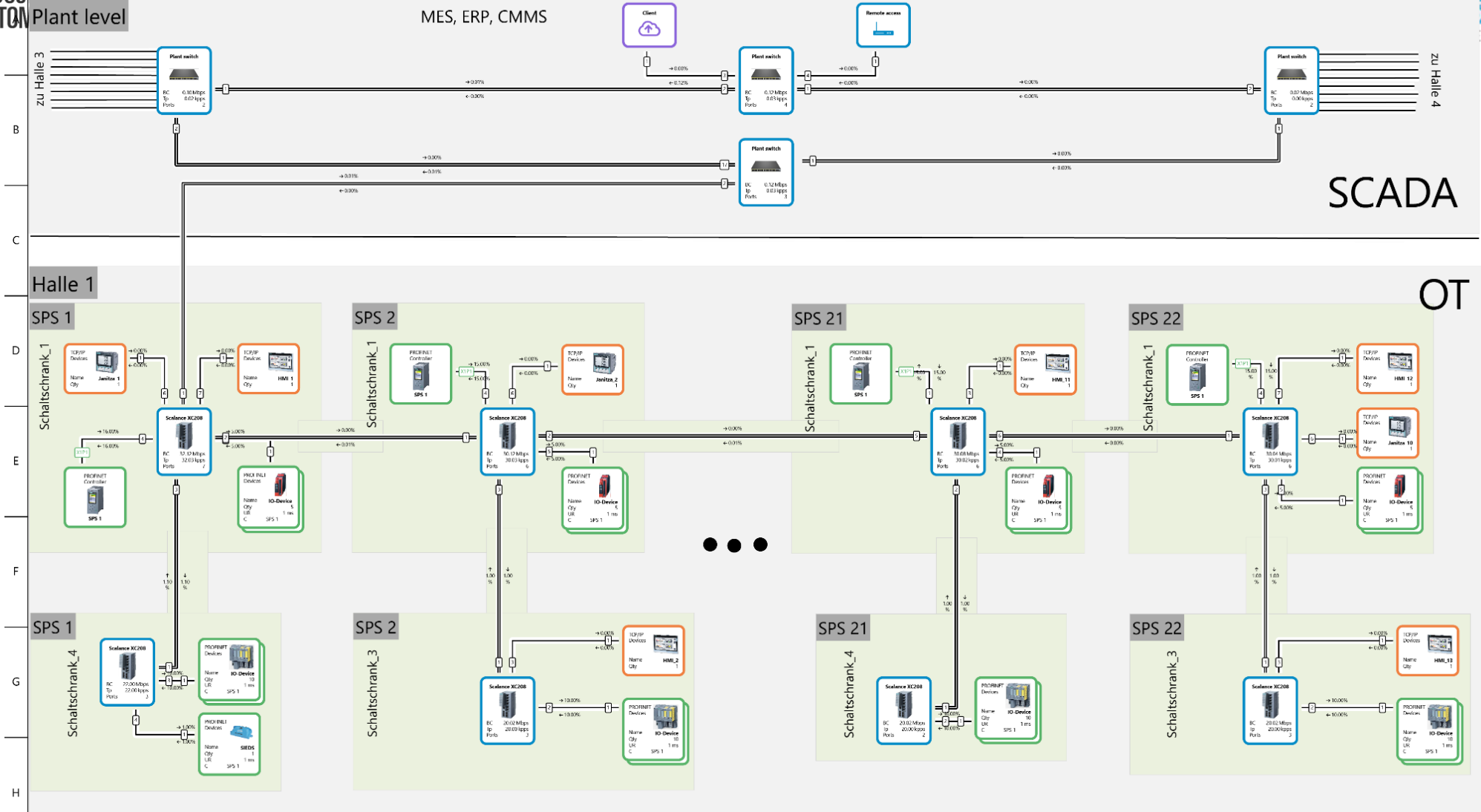
Improved topology



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Legend
 BC - Backplane capacity UR - Update rate
 Tp - Packet throughput C - Controller
 Qty - Quantity Ports - Number of required ports

Availability
 Type VKO - Without availability

Line Styles:
 Solid line: Copper Cable
 Dashed line: Optic Fiber
 Dotted line: Wlan
 Thin line: Transfer rate < 1 GB/s
 Thick line: Transfer rate >= 1 GB/s

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Designation				
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But what about Security?

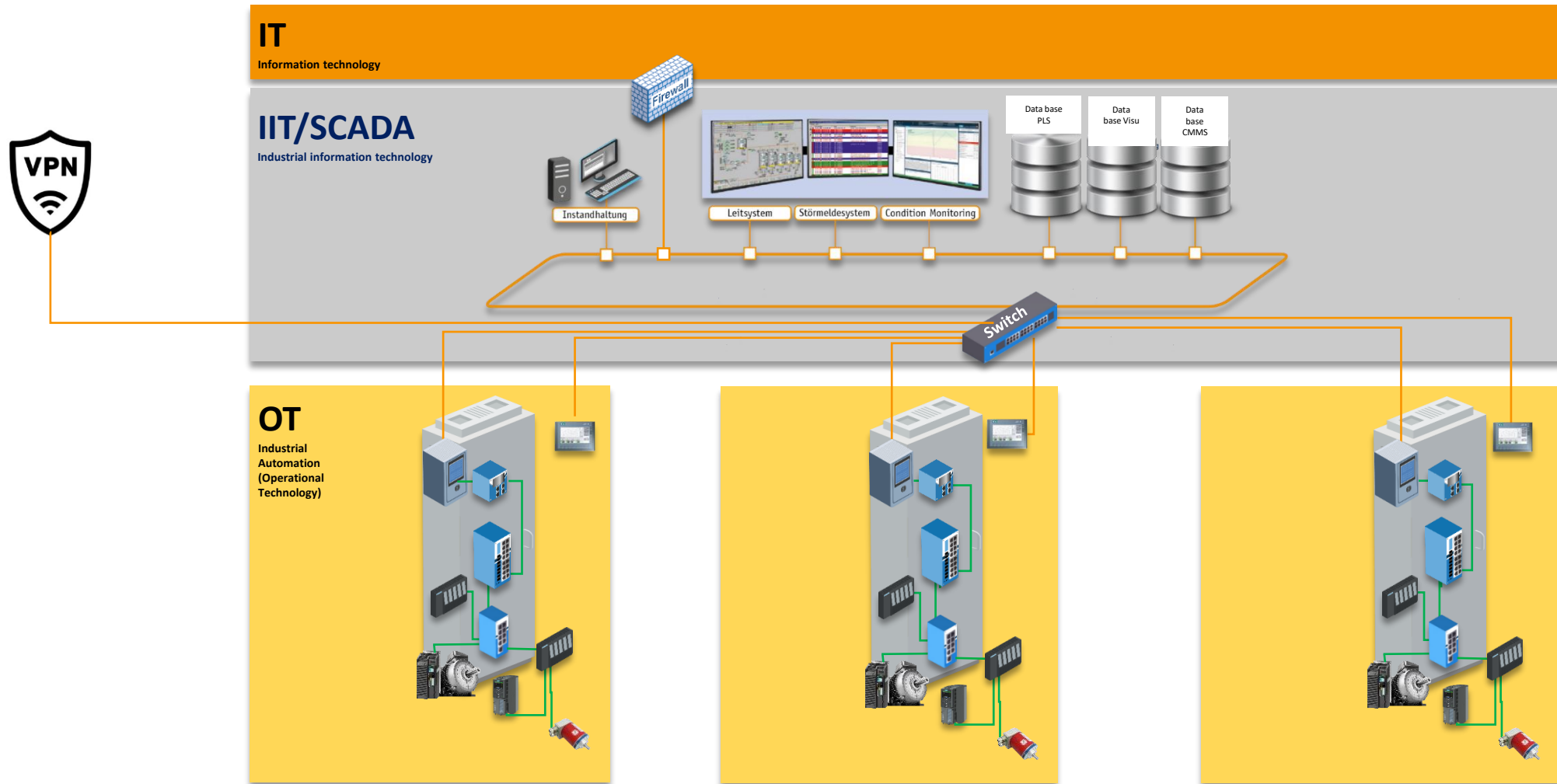
Using the example of Remote Access



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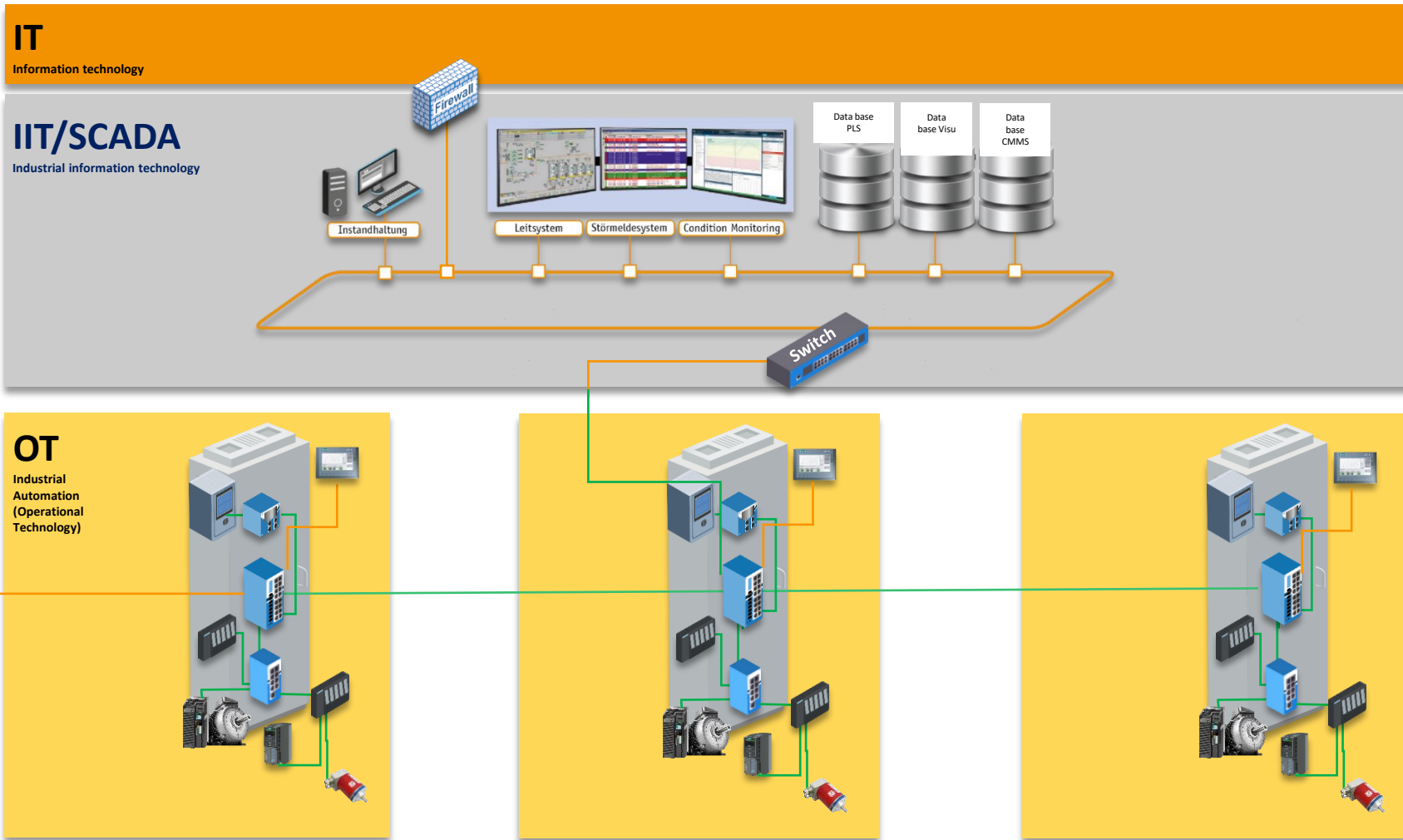




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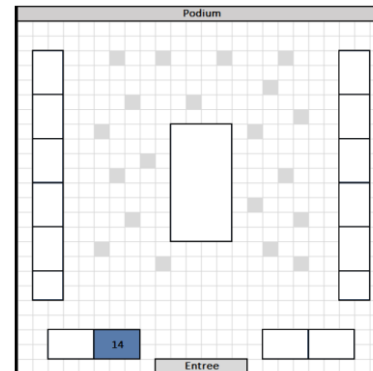
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Many thanks for your attention.

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- Bezoek ons op de beursvloer



1^e stand, links



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