

SIEMENS



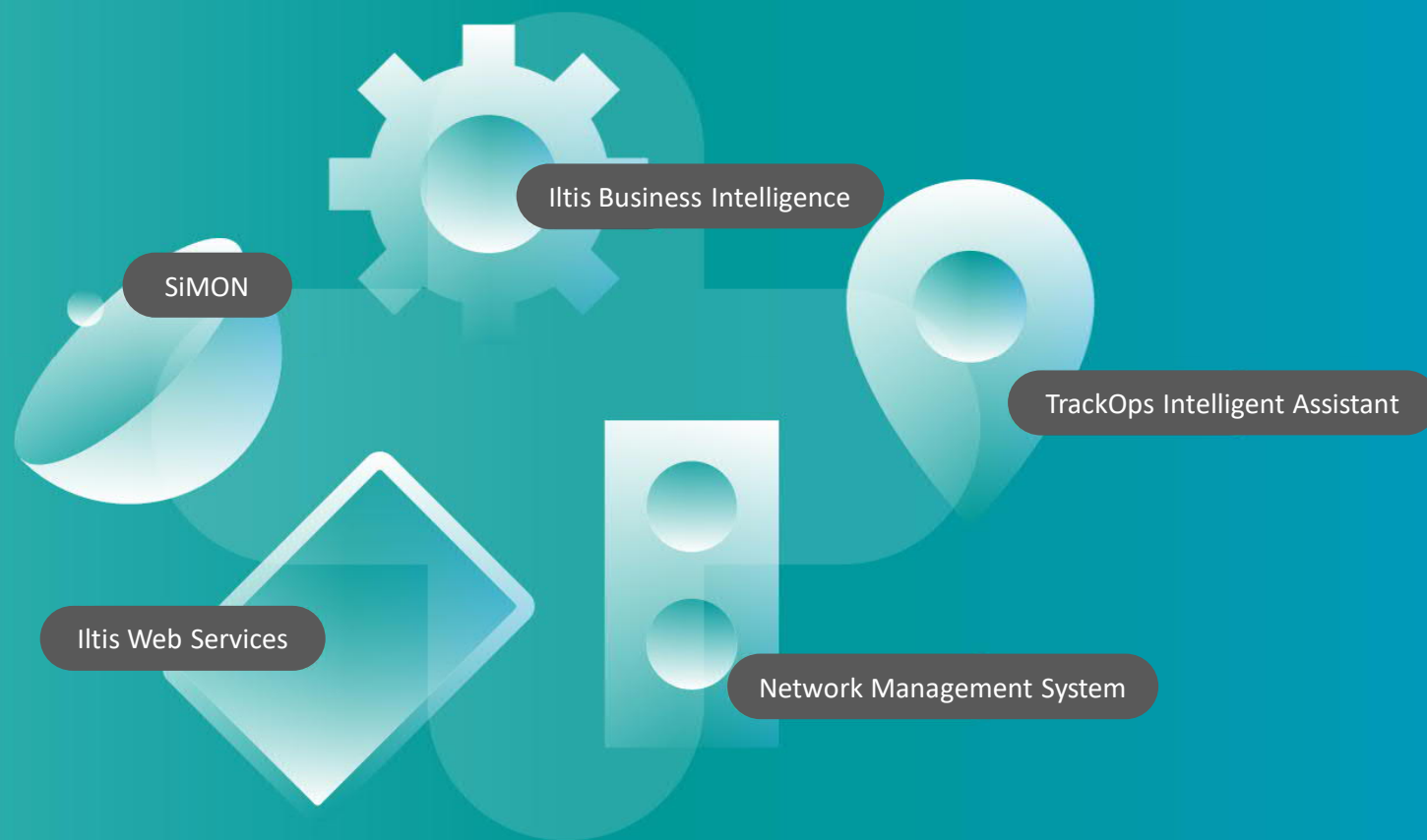
Siemens Intelligent Maintenance Solutions

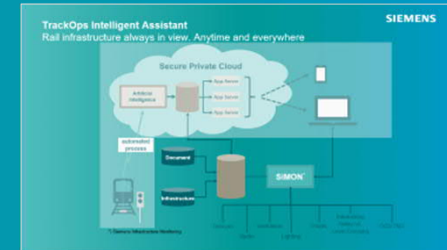
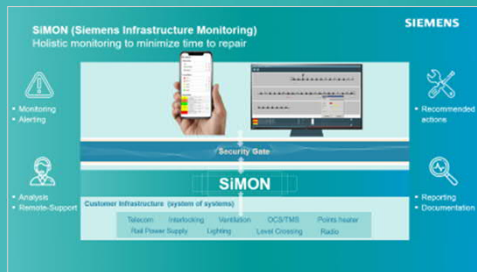
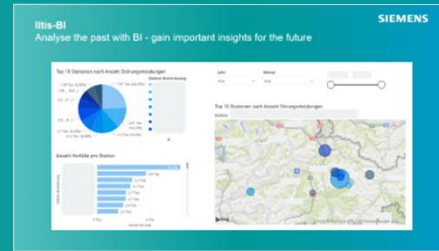
IMC 2020

Siemens Intelligent Maintenance Solutions focus on **minimizing disruptions** of the rail operation due to corrective maintenance activities, by means of ...

... preventing or anticipating the incidents

... **minimizing the “time to repair”**



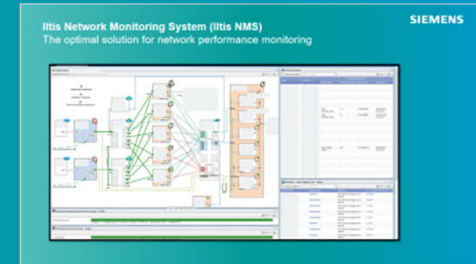
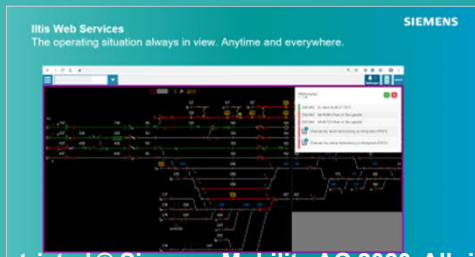


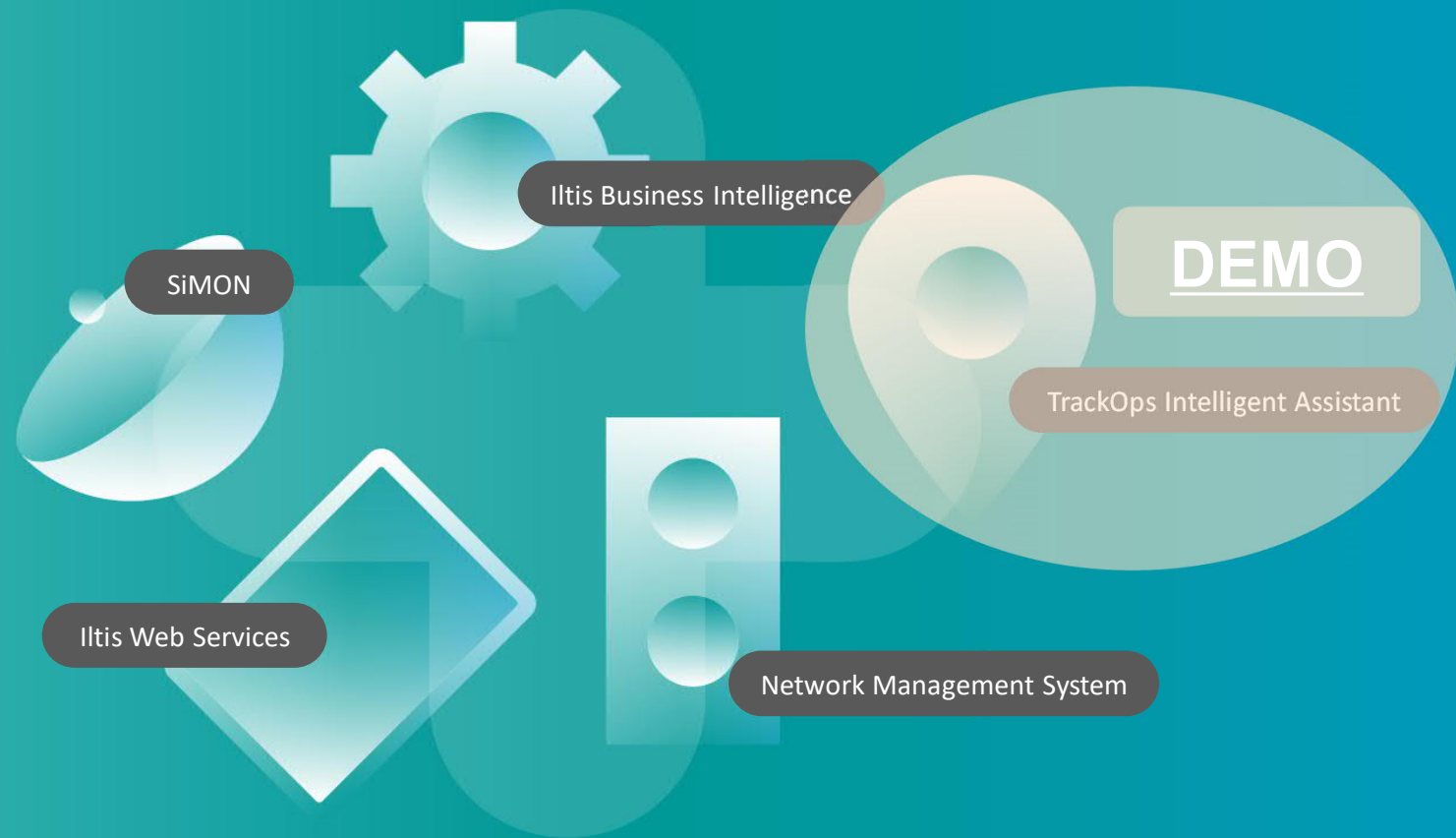
Ittis Business Intelligence

TrackOps Intelligent Assistant

Ittis Web Services

Network Management System





DEMO

TrackOps Intelligent Assistant

- Add-on to SiMON (Siemens Infrastructure Monitoring)
- Inexpensive resources (Camera, Mobile, Cloud) and fully automated handling
- PoC: Daily photos, daily 18 hours capturing time, ~ 150.000 pictures/day
- Machine Learning Application
- Basis Data for many different use cases

- Next steps:
 - ✓ Replacement of fixed camera by App/Integrated camera
 - ✓ Finalization PoC «Weed_detection»
 - ✓ Hackzurich 2020 Challenge «[Lift the veil](#)»



Thanks for your attention!