

IoT Solutions World Congress 2018

Demos

1. **ALTRAN's Moodlight prototype** – A car that senses your mood and changes several aspects to adapt your experience.
2. **Digital mirror** – A prototype mirror/display, using user recognition and interaction by voice and image, controlling several IoT devices.
 - a. Will also show data from other devices around the booth.
3. **Sparkle showcase** – This is the enhanced Sparkle used at the IAS Capital markets in UK, side by side (but not integrated) with predictive energy management IoT platform from Aricent (A simulated wind farm).
 - a. Also shows several sensing and location based solutions in the latest achievements of the AICAM Industrial Intelligence unit.
 - b. This also showcases VueForge Connect platform used to show plant information and PLC connectivity.
4. **MOWGEN & SANA & COMEC** – >Lightweight wind powered generator, IoT Sensors, Brain stroke recovery helmet using EEG brainwaves & confined spaces lone worker care, projecting touch panel display for the dashboard.
5. **Wireless TTN gateway and several LoRa/NB IoT/LTE-M** devices around the booth will demonstrate our capability to research & design using wireless technologies.
6. **COMPASS** demo will show how Altran solved a key UK Railways problem, enabling digital monitoring to enhance efficiency against any issue on the network, promptly managing the traffic thru worksites. This showcases data analytics, wireless communications and better work management, in order to lower delays using digital solutions at low cost per mile.
7. **LBS (Location Based Services) and wireless technologies showcase**, there will be several Indoor/Outdoor & wireless technologies running at the booth, showing our capabilities using these technologies to build challenging solutions. The physical units will be spread on 3 vertical glass totems placed as depicted on the renderings, and shown on hand for live demonstration.
8. Screens around the booth will be used to show other messages (totems) or to demonstrate specific non-fixed materials to our visitors. The booth will have one big external screen dedicated to show a directory of the demos + media materials in a kind of rotoscope with a fixed index of the booth contents at the left side. (We will handle the media but raw video/slides contents will be needed to build the video-directory, please provide what you have on hand). The rest of the screens on the space will be shared to show the following:
 - a. WCC Analytics: Showcasing our deep learning capabilities for processing images to do intelligent assessment and other industrial based solutions
 - b. WCC Cybersecurity: Showing our SECUR@ services from the CORAL 24/7 unit, focused on industrial security and the IoT as part of the scenario.
 - c. WCC Advanced Manuf Light guiding for connected shop floor spaces, connected factories & digital twins
 - d. GOV: Digital building services for a unique user experience, based on novel IoT devices to get a step ahead on digital working spaces.