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Saab's new Deployable Digital Tower revealed

Saab announces its modular, secure and quick-to-deploy digital tower (r-TWR) for flexible, air traffic control missions, with industry partner Conlog Oy.

At a time when threats to permanent airbases are increasingly realistic, air forces are looking to expeditionary or remote air operations to provide resilience. To answer this, Saab presents r-TWR Deployable; a deployable, digital tower that provides high availability, mission-to-mission modularity and flexibility. It is mission ready within an hour and can be operated remotely from a secure location at a base or connected to a centralised facility hundreds of miles away, keeping military personnel safe. Some of these features can also serve a purpose for international aid missions for the rapid deployment of such infrastructure into a country damaged by natural disasters.

The r-TWR Deployable includes everything needed for air traffic management at an established or temporary landing strip and can be rapidly transported by road or rail on one or two standardised trailers, or in a cargo aircraft of C-130 Hercules size.

"We can already in 2023 offer a deployable digital tower for military and disaster relief missions to meet today's needs, where speed can be key. Our experience from air traffic management and defence solutions gives us the expertise needed to create the new capability we call r-TWR Deployable," says Peter Engberg, head of Saab's business unit Traffic Management.

Juha Moisio, CEO Conlog Oy, says: "We are extremely delighted to be able to work with Saab and to provide our highly mobile and durable expandable shelters and our newest mast hydraulic mast system to be the base of this most interesting system. With our experience in the most demanding conditions, we can provide solutions for varying conditions."

The r-TWR Deployable can be integrated with various Saab capabilities depending on customer needs. This includes TactiCall Voice Communication System for safe and cyber secure communications, Giraffe 1X lightweight multi-mission surveillance radar with Drone Tracker capability, Sirius Compact passive surveillance for tactical applications and Barracuda camouflage for a reduced multispectral signature.

r-TWR Deployable is being unveiled at the Turku Airshow June 16, 2023.

A press kit is available at www.saab.com/newsroom/press-kits/r-twr-deployable

Saab is a leading defence and security company with an enduring mission, to help nations keep their

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people and society safe. Empowered by its 19,000 talented people, Saab constantly pushes the boundaries of technology to create a safer, more sustainable and more equitable world. Saab designs, manufactures and maintains advanced systems in aeronautics, weapons, command and control, sensors and underwater systems. Saab is headquartered in Sweden. It has major operations all over the world and is part of the domestic defence capability of several nations.

Conlog Oy is a principal defence systems integrator in Finland. Conlog provides modern, integrated security solutions and comprehensive life cycle management and sustainment services. Conlog's mission is to provide operational safety and security to its partners by prioritising survivability for those who operate our systems, regardless of the environment or the mission. This is why Conlog and its daughter company, the mast provider, SK-Lift Oy have earned an outstanding reputation for operational success. Conlog Oy is the first port of call for customers requiring unique solutions for complex mission requirements. Conlog is headquartered in Oulu, a major technology hub in Finland and the home of numerous technological innovations. Since 2018 Conlog Oy has been part of the Swedish System Engineering Solutions 37 AB (SES37).

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