

THALES REMOTE TOWER SOLUTION, BUILT UPON MARKET-LEADING TOPSKY PROVIDES A FLEXIBLE AND SCALABLE SOLUTION TO ENABLE LOWER COST TOWER ATC SERVICES

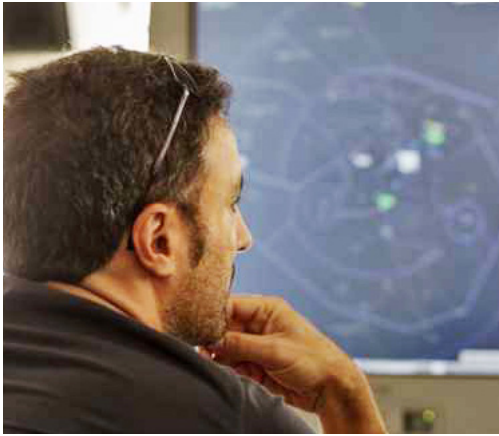
- Configurable from small heliport to large airport with functionality suited to each environment
- Leveraging the knowledge of Thales, which masters the complete set of ATC and Tower functions
- Offers high level of integration (simple coordination, single FDP, common data, integrated visualization, ...)

AEROSPACE

REMOTE TOWER

Flexible/Scalable Remote ATC Provision





AEROSPACE

REMOTE TOWER

Flexible/Scalable Remote ATC Provision

WHAT IS REMOTE TOWER?

A remote tower enables Air Traffic Control services to be provided at an airport from a remote location, instead of from the conventional ATC tower situated at the airport.

- The services are provided using innovative technology: High resolution cameras, microphones, sensors and a local processing system
- The Remote Tower Centre is fitted with screens and hardware controls to enable the air traffic controller to provide the same ATC services as if seated in the conventional tower.
- Operations for several airports could be consolidated into a single Remote Tower Centre

KEY BENEFITS

COST

- Significantly reduce Capex on traditional facilities by avoiding building ATC towers
- Reduce Opex by consolidating functional roles and optimizing controller rostering through multi-airport centers
- Improve ATCO productivity via better situation awareness and more advanced CWP including video screen/wall

SERVICE PROVISION

- Facilitates ATC services at previously "unjustifiable" sites
- Extend services to dangerous locations (war zones)

CONTINGENCY

- Enable flexible operations as cameras and working positions are easily replicated
- Remote facility can be located off-site, thus offering improvements in service continuity
- Facilitates disaster recovery

SAFETY & SECURITY

- Enhance situational awareness to eliminate aircraft and vehicle incursions onto active manoeuvring areas in low visibility
- Deliver visibility beyond human capacity thank to infra-red cameras and motion tracking

FLEXIBILITY

- Multi - sensor architecture provides the ability to accommodate airport expansion and operational changes
- Reconfigure operations to adapt to operational variability

CUTTING EDGE

- With potential for integration of advanced future capabilities, like motion tracking and surveillance overlay, remote towers unlock additional capabilities for ANSPs



AUSTRALIA

Thales Australia Limited
The Thales Australia Centre
WTC Northbank Wharf
Melbourne, VIC 3005
Tel. +61 (0)3 8630 4000

FRANCE

Thales Air Systems SAS
3, avenue Charles Lindbergh
BP 20351
94628 Rungis cedex
Tel. +33 (0)1 79 61 40 00

GERMANY

Thales Electronic Systems GmbH
Thalesplatz 1
71254 Ditzingen
Tel. +49 (0) 7156 353 28151

ITALY

Thales Italia S.p.A.
Air Systems Division
Via E. Mattei, N.1
20064 Gorgonzola (MI)
Tel. +39 02 950 951

UNITED KINGDOM

Thales ATM Limited
Compass House Davis Road
Chessington Surrey KT9 1TB
Tel. +44 208 391 – 6277

USA

Thales ATM
2733 South Crystal Drive
Suite 1200
Arlington, VA 22202
Tel. +1 703 838 9685