CANSO Global ATM Operations Conference

MADRID | SPAIN | 8-9 MARCH

Smart tower evolution – digital enhancement or remote operations?

Neil Bowles
Searidge Technologies
Head of Air Traffic Management

- Leading Provider of Remote Tower and Airport Surface Optimization Solutions
- Technology at 30+ sites in 17 countries
- ISO 9001:2015 Certified
- Co-owned owned by NAV CANADA and NATS

SEARIDGE TECHNOLOGIES

Digital Enhancement or Remote Operations?

- We don’t have to choose – we can do both!
- Low volume remote towers – only one of many business drivers
- Growing demand for truly integrated digital tower operations at major international airports

SEARIDGE TECHNOLOGIES

Budapest – HungaroControl rTWR

- Budapest International Airport rTWR (HungaroControl) is the world's largest certified remote tower
- Dual runway, international airport of 100,000 movements per year
- Certified and approved for live operations, at full capacity with no restrictions

SEARIDGE TECHNOLOGIES

Smart Tower Evolution - Benefits

- ❖CAAS Smart Tower – how can technology enhance the operations, and what role can AI play in that
- ❖Northern Colorado Regional Airport - ConOps to provide remote tower at busy VFR airport
- ❖Heathrow with NATS – enhance resilience through Hold Line Monitoring
- ❖Experiences and thoughts for the future

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Thank you!

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