

Streamlining Operations at Heathrow Airport

Wednesday 1st February 2023

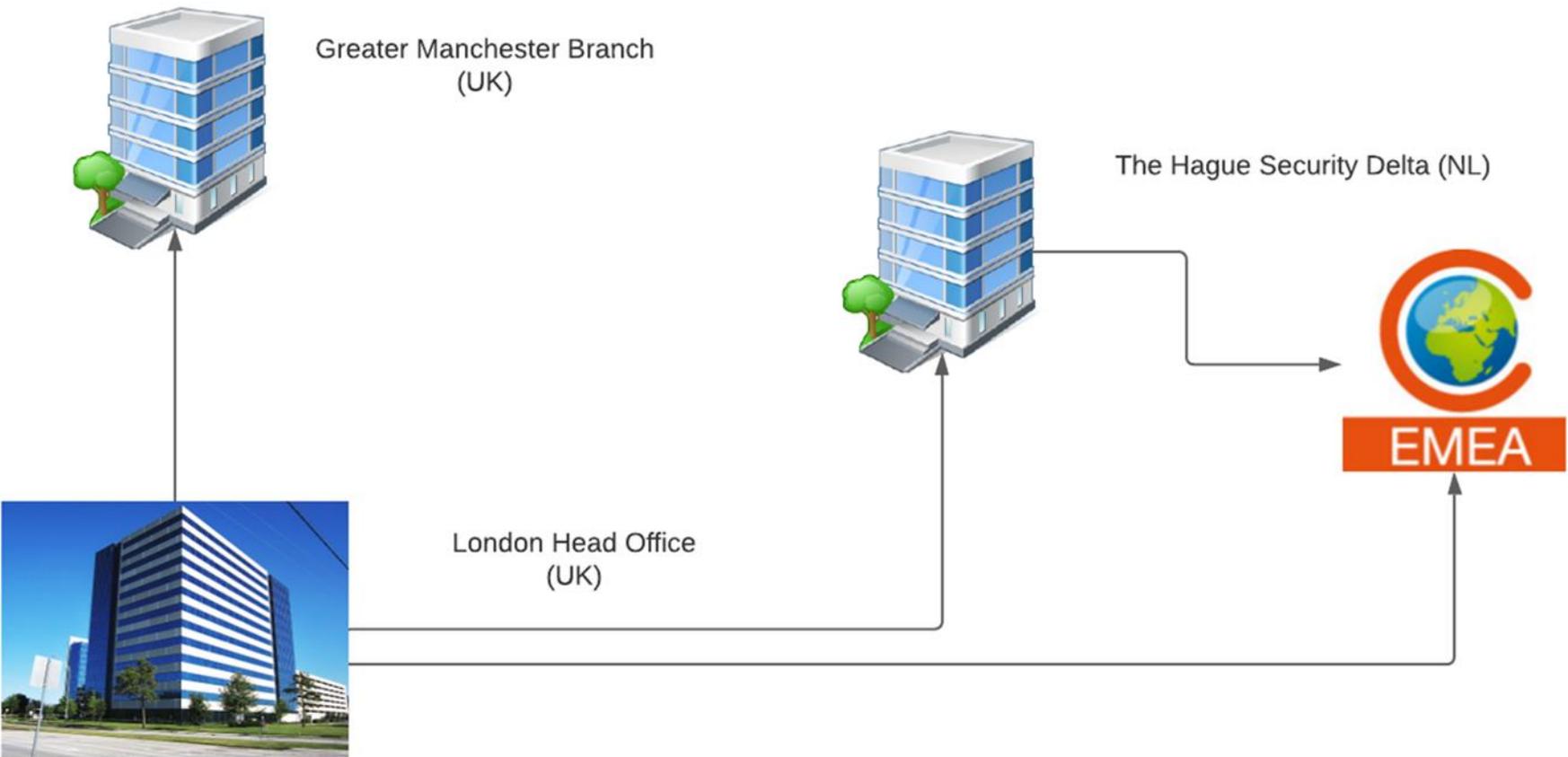
Tara McLaughlin

Sales & Marketing Manager

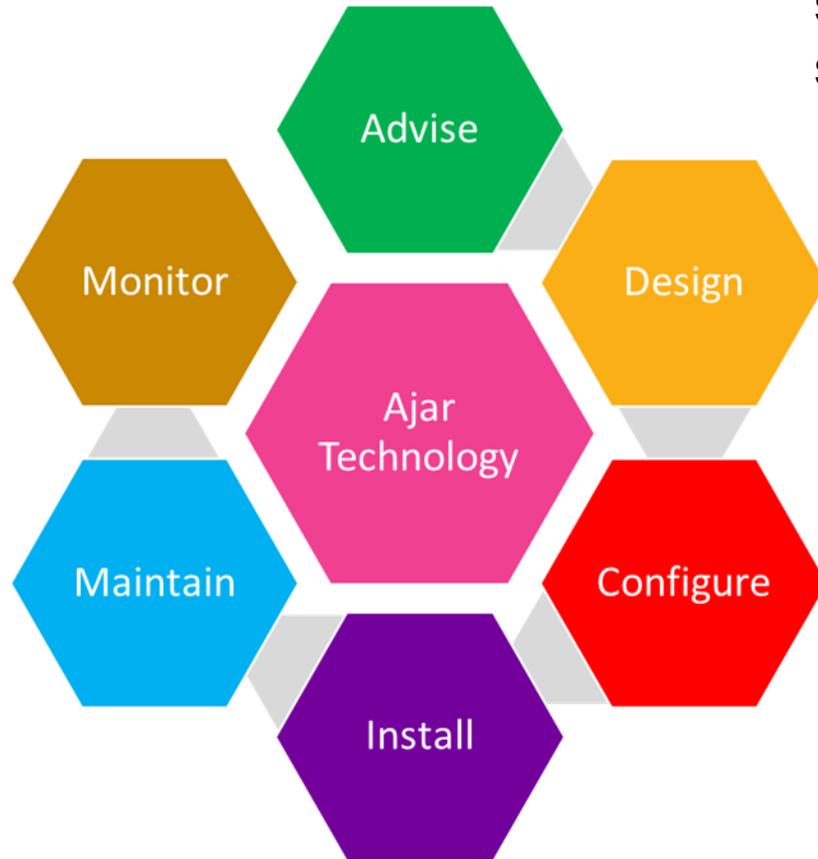
UK & EMEA

Ajar Technology





AJAR Technology is an independent Audio visual and Security systems integrator, offering the end-to-end solution form a single service provider.

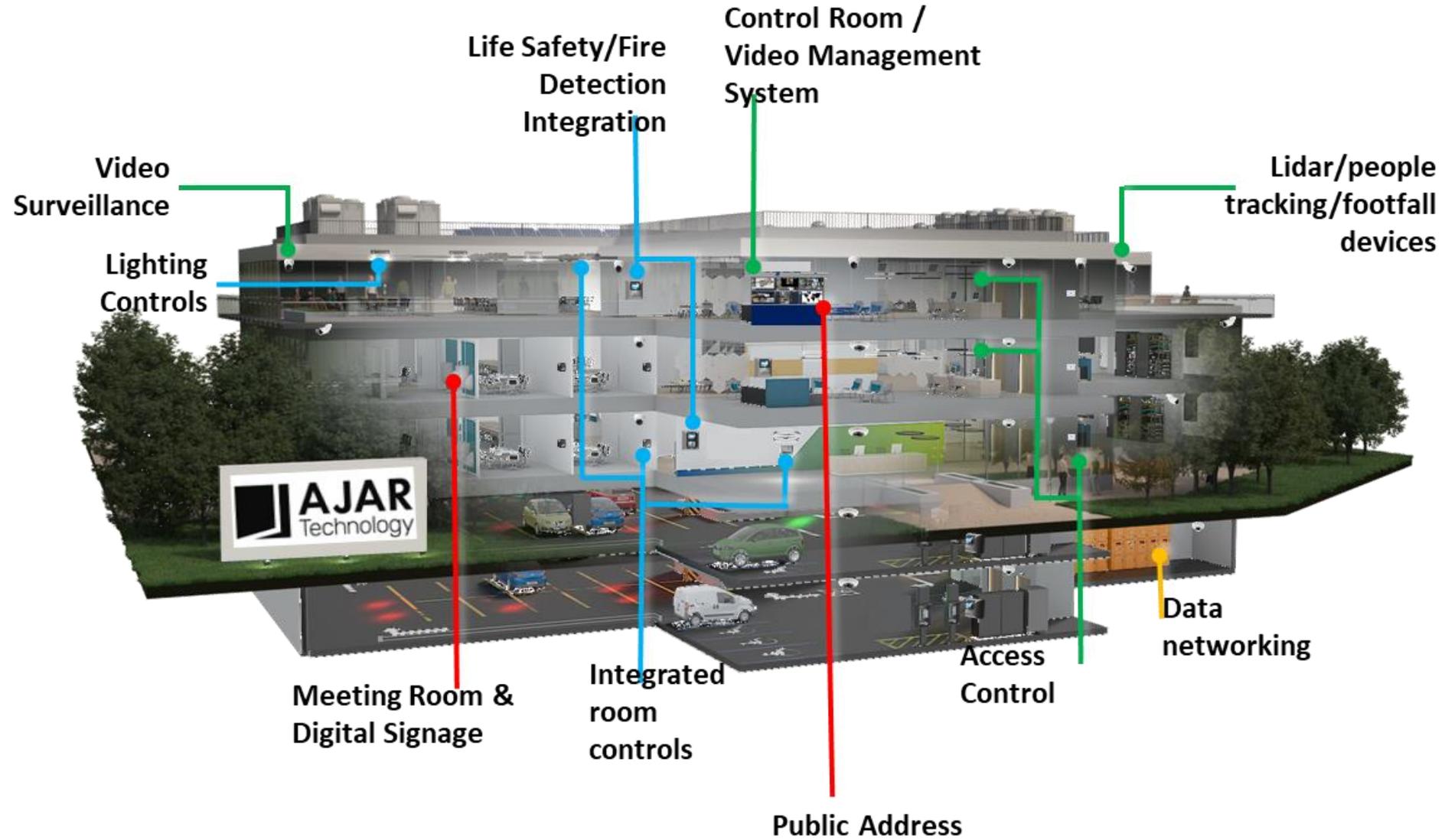


Audio-visual

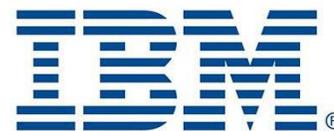
- Control rooms
- Collaboration spaces
- Boardrooms
- Auditoriums
- Meeting rooms
- Digital Signage

Security

- CCTV
- Access control
- Biometrics
- Intruder Alarms
- ANPR
- Cyber



Who we work with



Heathrow, a mini city



Heathrow, a mini city

1,035 lifts, escalators and
autowalks



Heathrow
Engineering



81,000,000
passengers 2019

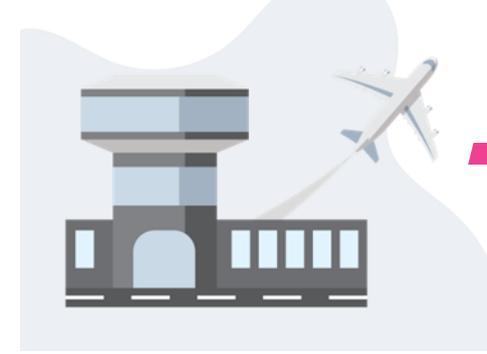


11 official car parks



80,000 staff





Pre - 2014

- 29 individual control rooms
- Many monitors per desk
- PC's located under each desk
- Multiple keyboards and Mice per desk
- Communication via email, phone, radio without consistent message

2014

- Consolidated operations control centre
- Single keyboard and mouse
- Reduced monitors but 1 source per display
- PC's shared from comms room
- Reduced No. of servers
- Early visibility of operational activity

Now

- Servers are on premise and Cloud connected
- Reduced monitors by 50%
- Multiple sources viewable and accessible on single displays
- Collaborate on shared sources
- Primary workspace with sources viewable in the periphery
- Operator profiles are accessible from any connected desk



The project challenge

- Upgrade a live airport operations control centre and backup facility with without the interruption of service.

The approach

1. Review the clients way of working
2. Confirm requirements
3. Discuss with vendors the technology capabilities
4. Complete an evaluation of the technology options against the client requirement
5. Conclude with our recommendations

We recommended to our client the Barco OpSpace solution because:

- **The operator can view and operate multiple sources through a single display**
- **Ease of use**
- **Future expansion capability**
- **Single sign on**
- **Tidy comms rooms and desk space**



- **3 locations, 200+ sources, 40+ desks**
- **Complete situational awareness through one screen**
- **1x keyboard and mouse.**
- **Seamless integration with the videowall**
- **Hybrid cloud hosted and onsite operating systems**



Data centre 1
Primary 1

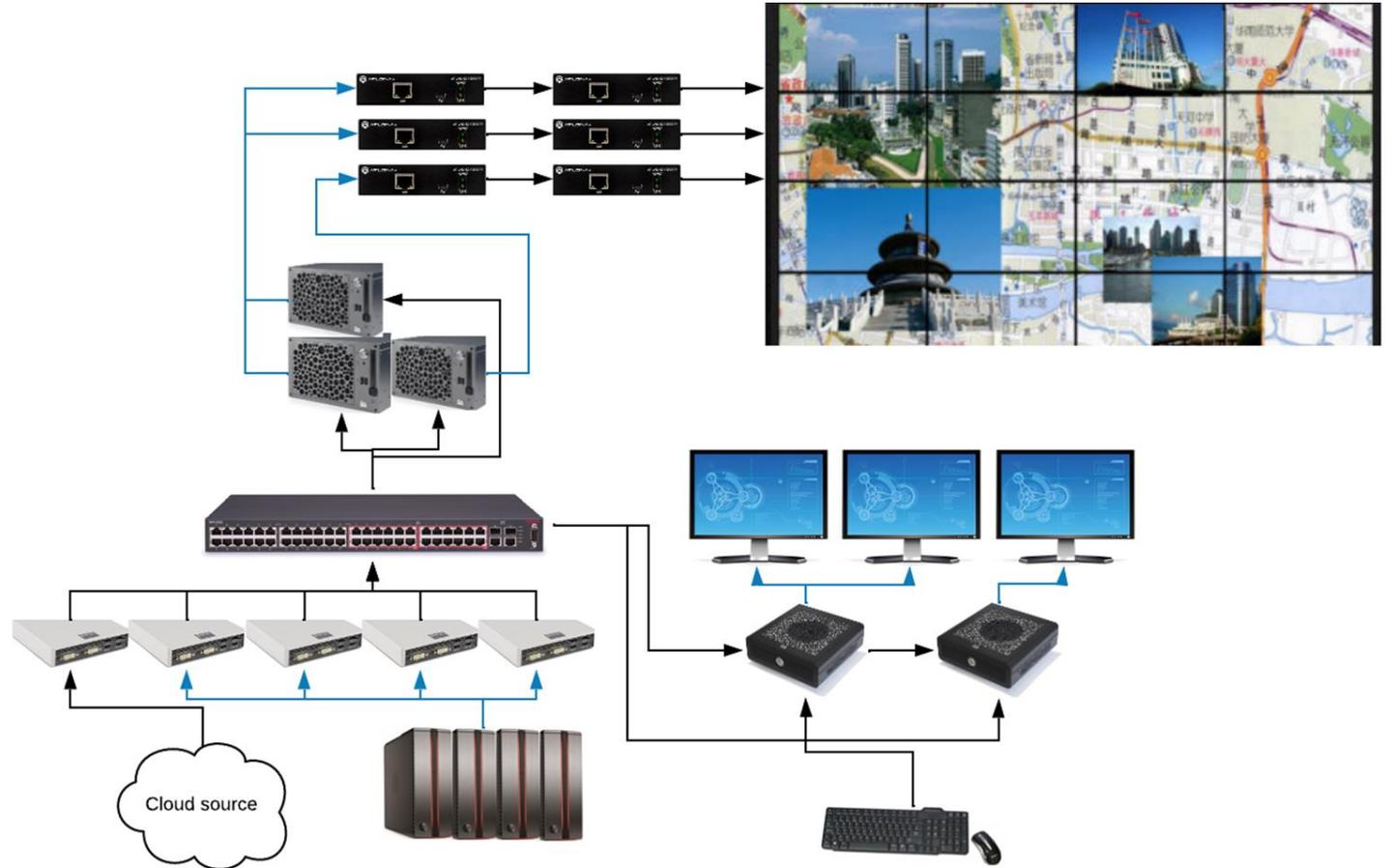


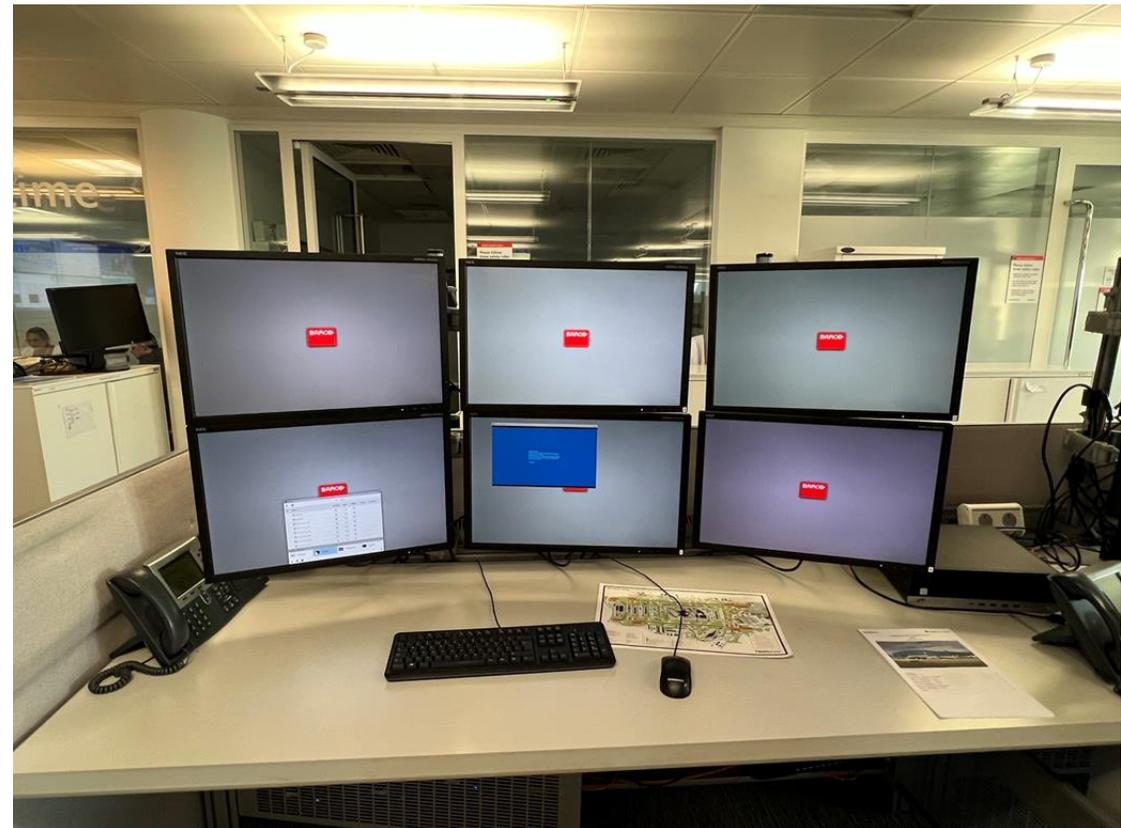
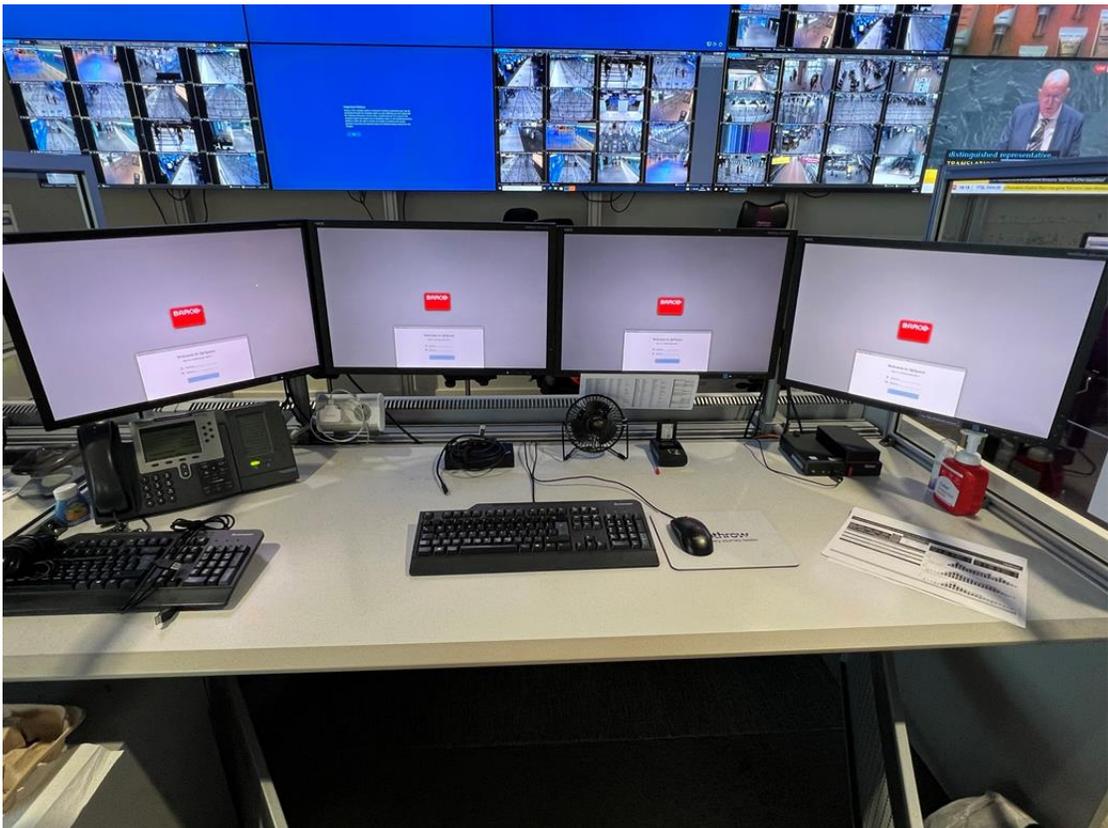
Secondary 2



Data centre 2
Primary 2

Secondary 1





Key operational benefits

- Real time monitoring of multiple alerts in a single display
- High resilience
- Ergonomically compliant for desk operators
- Scalable to meet future plans
- Secure access to any application across multiple security domains and networks.
- Any operator can use any desk
- Requires 50% less comms room space than other options
- Requires 50% less power and cooling than other options

Thank you for your time today

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