Securing a construction project
345 miles long
Richard Jordan – Chief Security and Resilience Officer HS2
CITS Conference
6 November 2018
HS2 Overview

- 345 miles of High Speed track
- £55.7Bn budget
- 48 high speed trains an hour
- Around half the population able to access the High Speed Network

Based on current indicative train service specification. Final HS2 timetable subject to consultation.
More than double the seats

<table>
<thead>
<tr>
<th>Location</th>
<th>2017 Current</th>
<th>2033 with HS2</th>
</tr>
</thead>
<tbody>
<tr>
<td>London Euston</td>
<td>12,100</td>
<td>31,200</td>
</tr>
<tr>
<td>Manchester Piccadilly (Crewe/Stoke Corridor)</td>
<td>3,490</td>
<td>8,620</td>
</tr>
<tr>
<td>Leeds (Doncaster Corridor)</td>
<td>1,720</td>
<td>4,860</td>
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</tbody>
</table>

Evening rush hour total seated capacity
HS2: fast, frequent and reliable

**LONDON**
- Manchester: 1h 7 mins to 2h 7 mins
- Liverpool: 1h 34 mins to 2h 14 mins
- Leeds: 1h 21 mins to 2h 11 mins

**BIRMINGHAM**
- York: 57 mins to 1h 52 mins
- Preston: 50 mins to 1h 36 mins
- Manchester: 40 mins to 1h 28 mins
HS2 will serve **over 25 stations** and **half the UK population**
HS2 vision:
To be a catalyst for growth across Britain
HS2 Security Principles

1. Enable and assure the delivery of physical security across the HS2 project, including the supply chain, for people and assets
2. Enable and assure the delivery of cyber security
3. Enable and assure the delivery of information and information technology security and data protection
4. Establish an active liaison with the emergency services and related agencies (incl IE)
5. Coordinate the delivery of security related design elements into the design and build process
6. Enable and assure the provision of a comprehensive information fusion function
7. Enable and assure the provision of specialist security services to respond to incidents and manage crisis
8. Enable and assure the provision of agile specialist security services to protect vulnerable assets or personnel
9. Deliver a business continuity plan to ensure the protection of critical business functions
10. Enable and assure the delivery of an appropriate vetting mechanism for contractors and internal staff
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HS2 Security Operating Model

The Security Operating Model had identified five stages that need to be in place to mobilise the Security Strategy:

- Identification of risk
- Information gathering
- Threat analysis
- Decision / action when the situation changes
- Managed response to security threats
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Managed Response

The specialist security services provider will support HS2’s response to physical security, personal security, incident response, risk management and reduction, and information gathering to obtain insight:

- HS2 sets the security standards and style/approach
- Commitment to EWC and MWCC
- Allows control of reputational impact & ensures consistency of response across route
Proactive Services

- 24/7 Proactive Area Vehicle Patrols
- Public Engagement Events
- Close Personal Protection & Residential Security Team
- Specialist Security Consultancy
Safety and Security

These Security and Safety Support Vehicles have been provided to ensure that the public and those working on the project, as well as property and sites along the route, remain safe and secure in regard to HS2 activity.

Hubs & Routes

The vehicles operate out of three hubs with one hub for each HS2 Phase One Area close to the line of route allowing a swift response to incidents.

Response to incidents

The HS2 Helpdesk will inform the SSSV if an incident has taken place. They may also be directed by HS2 staff. The SSSV are required to attend an incident within 2 hours of being informed.

The vehicles are available 24/7 and undertake patrolling along varied routes to identify any HS2 related safety or security issues or respond to incidents.
Reactive Operational Services

- Protester Incident Response Telephone Line for tier 1 sites/HS2 staff only
- Specialist Security Response Service