

THALES



KEEPING LONDON SAFE,
SECURE AND ON THE MOVE

A digital journey: Modernising London's tube

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ANDY BELL, VP URBAN RAIL SIGNALLING
THALES UK



London Underground in numbers

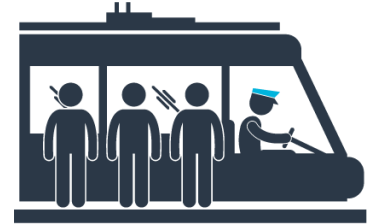
1.4 Billion

The number of people travelling on the Underground in 2016/17



14-15 Million

The number of journeys made by public transport every day by 2041



600

The length of Underground Track signalled by Thales (in km)



192

The number of new S-Stock trains fitted for new signalling system under 4LM



London's transport agenda

"Transport is a cornerstone... for a fairer, greener, healthier & more prosperous city. Transport doesn't only shape our daily lives and determine how we get around... it can create new opportunities... and shape the character of our city. [Through delivering] the affordable, reliable and safe service Londoners deserve [there is potential] to unlock the power of transport to improve people's lives."

- Mayor's Transport Strategy



HELP TO SUPPORT

London's population growth in the medium term



HELP BUSINESSES EVOLVE

and become more competitive



SUPPORT ECONOMIC DEVELOPMENT



The role of digital to help meet these objectives...

SMART TECHNOLOGIES

help increase capacity and make services more efficient, safer, cheaper and greener



Need to continue **IMPROVING SAFETY AND SECURITY**

NEED TO PROVIDE

quicker and more flexible services



IMPROVE TRANSPORT OPPORTUNITIES



for all Londoners

Signalling journey



A GLOBAL PEDIGREE

currently securing **85 metro lines** in **40 cities** along **2,500kms of track** around the world

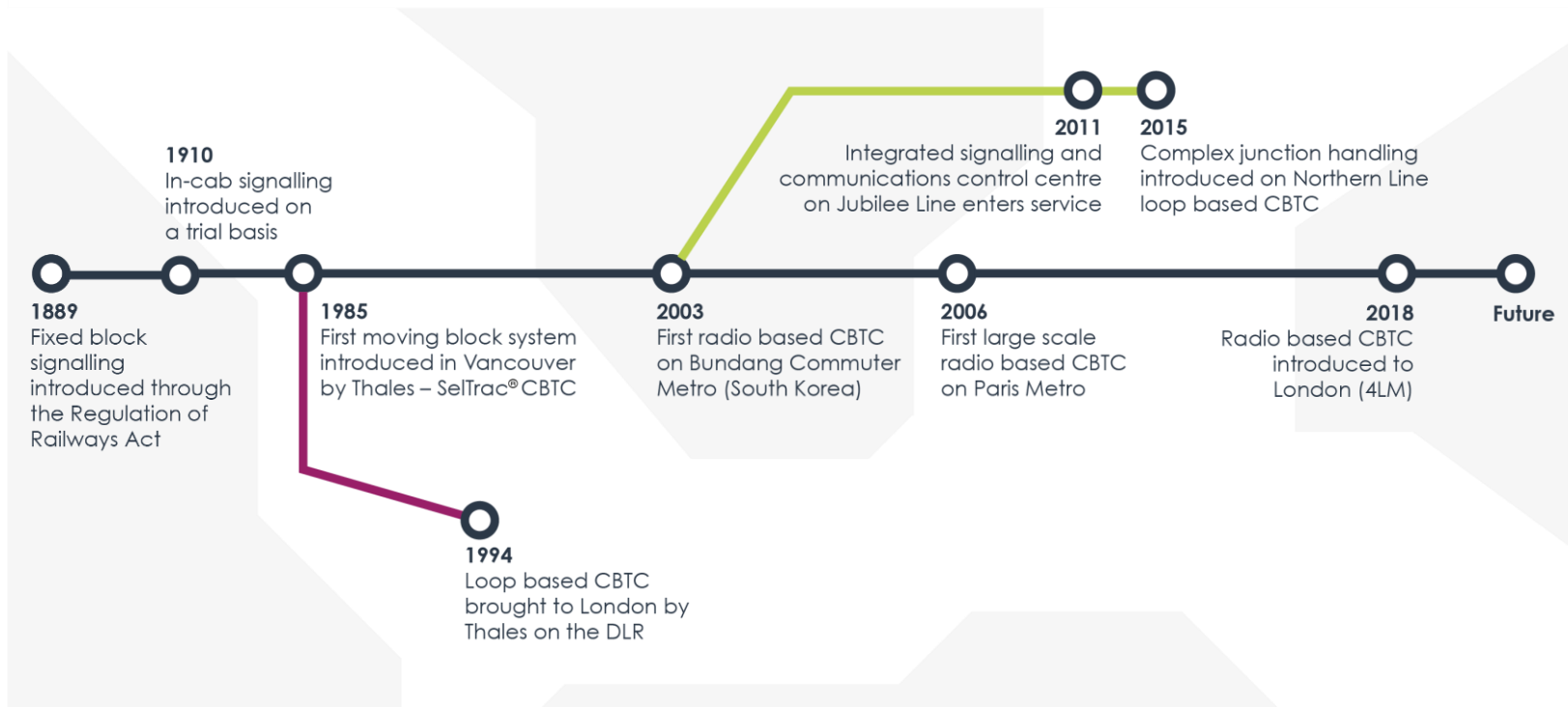


Can draw on experience of

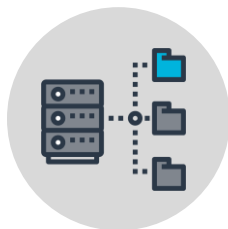
8,000 TRANSPORT AND TECHNOLOGY SPECIALISTS WORLDWIDE



Going above and beyond to **INNOVATE AND TEST ADVANCED MODELS** and specialised technology



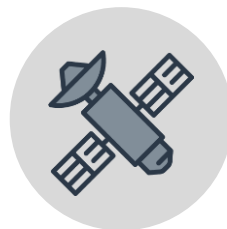
Future direction of modernisation



Integrated
Big Data



Connectivity



Cyber
Security



Artificial
Intelligence

Integrated solutions



Signalling & comms



Trains



Depots



Maintenance



Passenger
experience