BOLT

Big data Operational Live Trajectory

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DSNA BOLT INNOVATION:
MAKE DIGITAL TRAJECTORY AVAILABLE EVERYWHERE

Thanks to BOLT, a standardized digital trajectory platform based on Coflight, DSNA innovates and becomes an enabler of aviation Business Intelligence solutions.

MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE
ET SOLIDAIRE

Liberté • Égalité • Fraternité
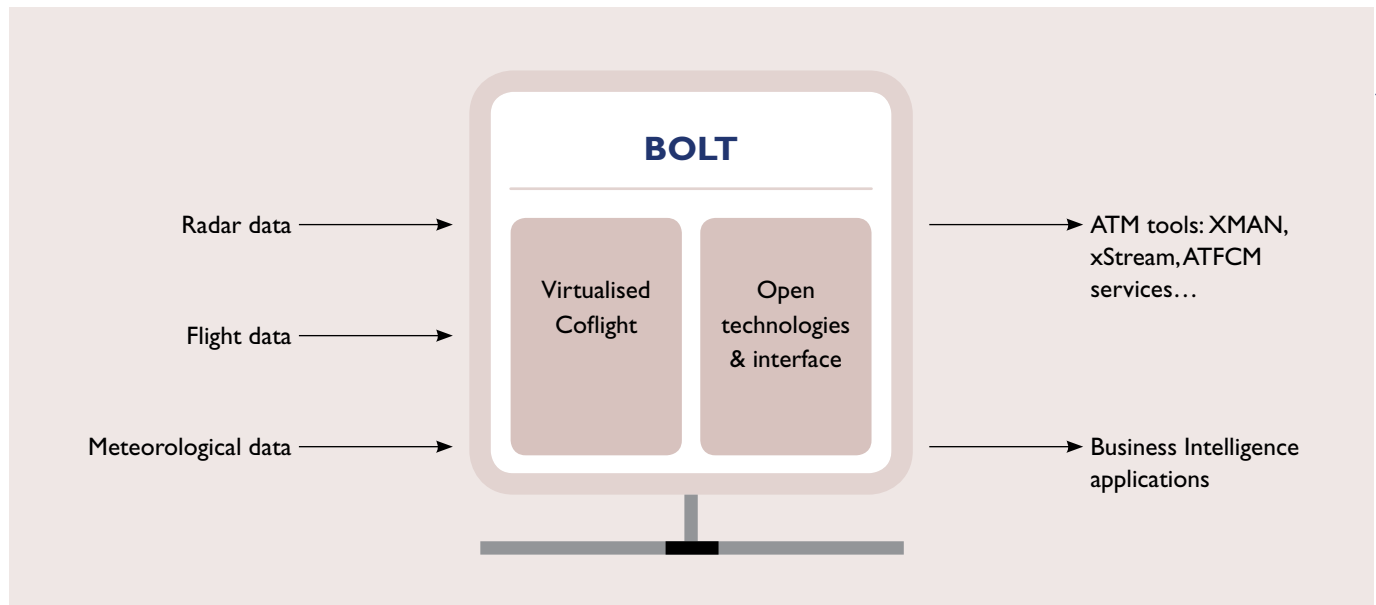RÉPUBLIQUE FRANÇAISE

DSNA

Coflight eFDP

THE OPERATIONAL CONCEPT

BOLT provides remote digital live and recorded trajectory data. This platform is **an enabler for aviation Business Intelligence solutions**. Analysing and processing these BOLT trajectory data will allow you to improve your ATM operations and innovate through new aviation applications. Early applications of BOLT already runs within DSNA, the French Air Navigation Service Provider!

BOLT, a compact and modular platform based on Coflight.

BOLT platform consists of:

• **Virtualised Coflight product**, one of the most advanced Fight Data Processing Systems (FDPS) in Europe, developed by Thales & Leonardo. It provides reliable and accurate 4D trajectory data.

• **Open technologies and interfaces:** Web services, DOCKER, allowing easy customer applications development, installation and maintenance.
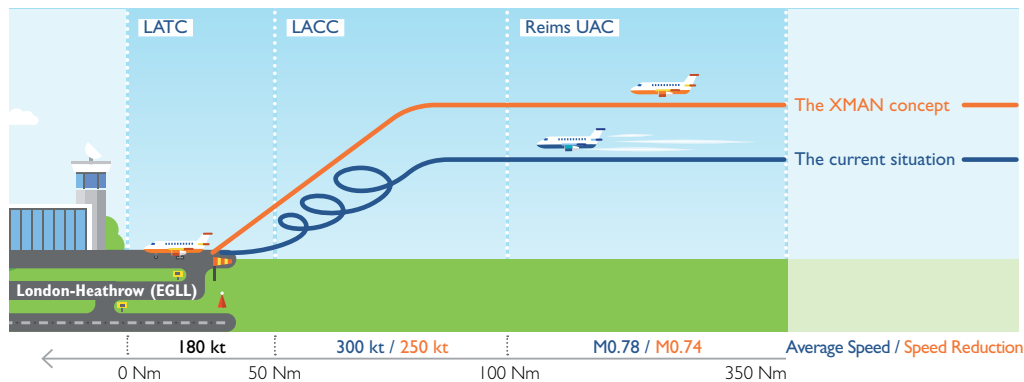
BOLT SERVICES FOR XMAN

In SESAR 2020, one of the most challenges is to improve cross border collaboration. Extended cross border AMAN benefits rely on accurate trajectory data, computed across ANSP boundaries.

Running now in a SESAR xStream Live trial, BOLT platform interacts with XMAN Reims to exchange data with London AMAN to improve accuracy and stability of the sequence for Heathrow airport in a multi ANSP configuration.

"Within the framework of SESAR xStream project, one objective is to build an enhanced arrival sequence for London-Heathrow airport using in-horizon partner's trajectory prediction elements in order to replace the traditional Network Manager Flight Data. In that context, thanks to the BOLT platform, DSNA will demonstrate the use of Coflight trajectory that will be provided to the partners through SWIM ready webservices."
Reims UAC

BOLT SERVICES FOR BUSINESS INTELLIGENCE APPLICATIONS

Providing remote digital live and replayed trajectory data, BOLT is a solution for Business Intelligence applications. The wide variety of trajectory elements, easily available by remote access, makes BOLT a privileged enabler for any kind of aviation business: surveillance, performance monitoring or analysis, SWIM services…
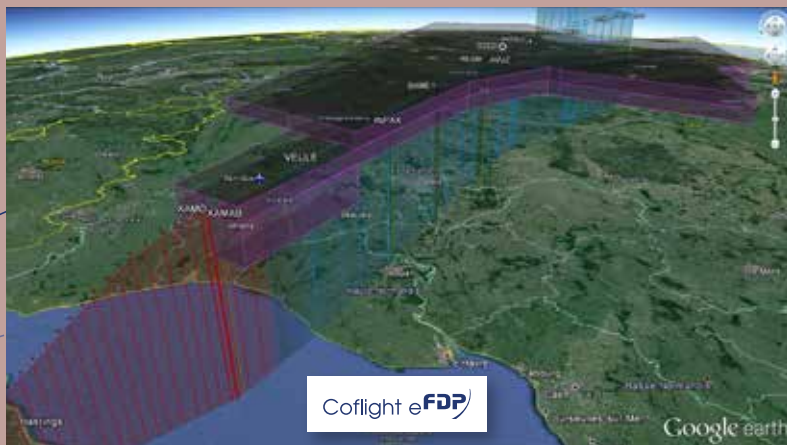

Join us and create your own applications using the BOLT digital trajectory!

LET BOLT DIGITAL TRAJECTORY EMPOWER YOUR BUSINESS!

> Take advantage of Coflight, one of the most advanced Fight Data Processing Systems

> Use reliable and accurate 4D trajectory

> Improve your ATM functionalities

> Innovate with new Business Intelligence solutions

Coflight e**FDP**

Google earth

Contact for further information
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About DSNA
DSNA, the French Air Navigation Service Provider, handled 3.1 million flights in 2017 with the record one-day peak in Europe: 11,016 flights on July 7th, 2017.
DSNA is member of FABEC, SESAR JU and the A6 Alliance. It is also member of the consortium in charge of SESAR Deployments.

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