



**MISSION
SYSTEMS UK**

G-Cloud 15 Service Definition

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SANDBOX

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SANDBOX

G-Cloud 15 Lot 3: Cloud Support service

Service description

SANDBOX Digital Twin Service comprising:

- Development of virtualised system models
- Integration of real-world data sources
- Simulation environment configuration
- Scenario modelling
- Performance analysis
- Operational concept validation
- Iterative optimisation of digital twin behaviours

The SANDBOX environment enables organisations to undertake virtual prototyping, mission rehearsal, lifecycle optimisation, rapid design exploration, and predictive analytics to de-risk decisions and accelerate capability development prior to real-world deployment.

Typical services

Initial discovery, build and test.

SNC MS UK recommends an initial period of discovery to allow the design, build and configuration within SANDBOX to enable:

- The build of a representative Digital Twin
- Initial simulation runs.

Follow on services.

Further simulation runs, iterative and agile addition of features and changes to constituent elements, subject to user requirements.

