Forcyte is an exportable Cyber Situational Understanding & Awareness tool designed to provide Visualization of the Cyberspace and Electromagnetic (CEMA) domains, Planning & Mission Management and Intelligence-driven Operations.

It is built on a modular design and open framework that is operationally tested, and leverages standards such as the Structured Threat Information Exchange (STIX) and Trusted Automated eXchange of Indicator Information (TAXII) for Threat Intelligence.

Forcyte utilizes mission playbooks, workflows, standard military symbology, and user roles mapped to Joint Doctrine, enabling familiarity and ease of use.

**Open Architecture**
**Modular Design**
**Customizable Dashboards**
**Mission Workflows**
**Enhanced Visualization**
**Threat Playbooks**

Forcyte is specifically designed to support the planning, execution, and monitoring of cyberspace operations.

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Forcyte uses “Cognitive Engines” that make use of the Observe, Orient, Decide, and Act (OODA) construct to model an analyst’s thought process. The system will **Observe** streaming data, **Orient** the data by providing context using the Common Knowledge Graph to assess impact, **Decide** which actions to recommend to the user, and even **Act** on the recommendations in a fully autonomous manner.

Forcyte takes all of the data inputs and contextualizes them in the **Common Knowledge Graph** that uses a Semantically-Enabled Ontology AI technique to understand the relationships between the complex data.

Forcyte **receives data** that has been processed by cyber sensors, log aggregators, and other operational Programs of Record.