Cyber Precog

A tactical, self-contained server for cyber operations at the edge

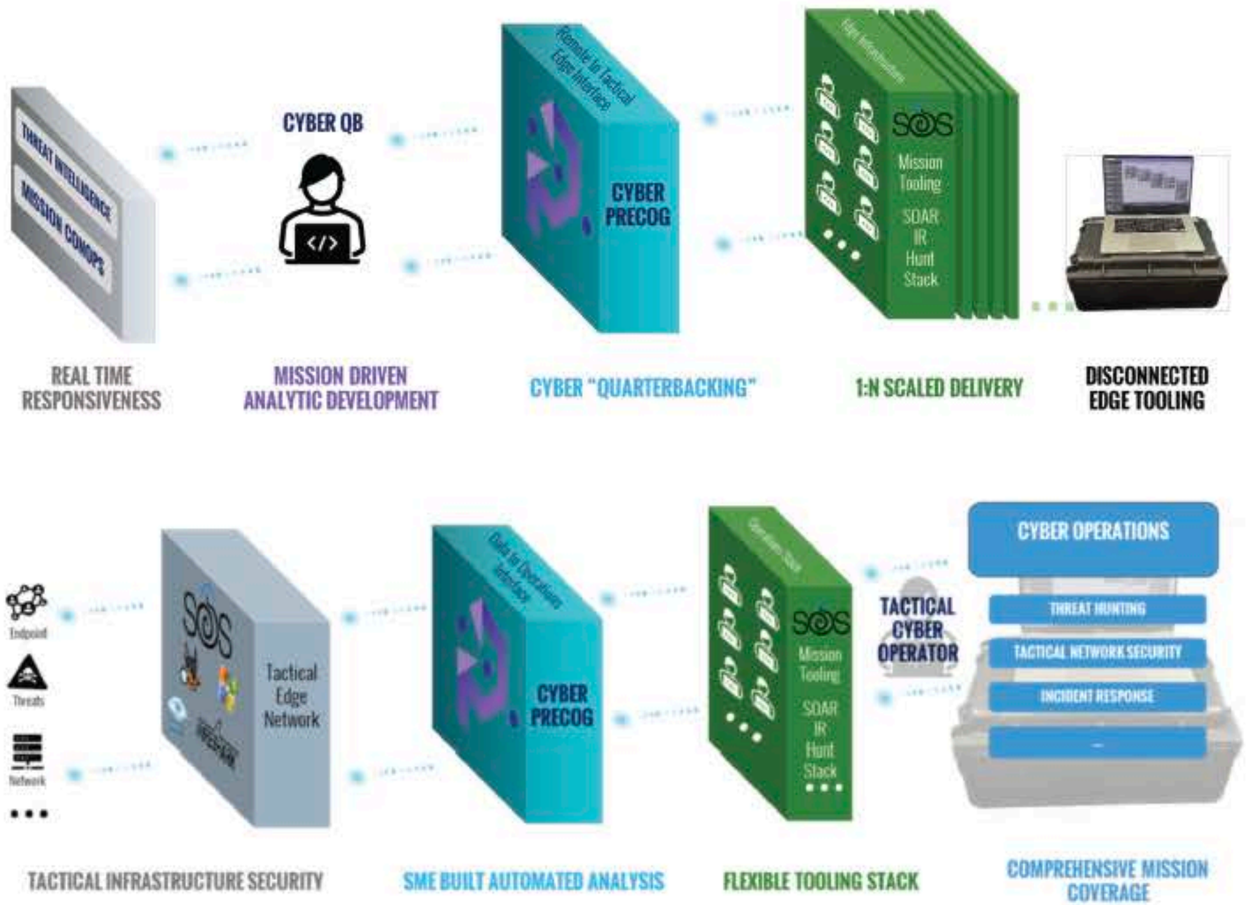
Introduction

- Cyber warfare is increasingly dominated by **complex attack vectors** deployed by **sophisticated adversaries**
- Today's cyber operations demand operators ready to respond and adapt to **fast-changing mission needs** and **evolving operational environments**
- Operators and organizations can **no longer** be content with **cyber superiority**
- Sustained superiority requires **Cyber Dynamism**, the ability to rapidly evolve, adapt, and scale operational capability and mission efficacy to the constant evolution of cyber warfare
- **Cyber Dynamism** requires looking beyond the temporary wins of an accelerating arms race of offensives effects versus defensive remediation toward a strategy that **shortens and streamlines the cyber kill chain**

Methods

Booz Allen developed ***Cyber Precog***, a GPU-enabled software and data engineering platform that brings operationally honed cyber tooling and a modular pipeline for rapid capability deployment. Cyber Precog supports data ingestion, fusion, and normalization, along with analytic and context enrichment, in one succinct GPU-enabled platform. To augment the utility of flyaway kits, Precog is designed around an open architecture to allow for an extremely high degree of integrability with existing cyber toolsets, allowing operators to continue using tools they are familiar with while maximizing current tool investments. The Cyber Precog Flyaway Kits serve as the connective tissue between non-kinetic platforms in an operational environment. Additionally, the Flyaway Kits were designed with AI/ML in mind, providing a vital platform for integrating AI/ML models.

The Cyber Precog Flyaway Kit provides operators with **unprecedented speed, power, and mission support** for operations at the edge.



SEALINGTECH

CUSTOM BUILT FORM FACTOR

Our kits leverage SealingTech's hardware engineering to maximize kit compute power in a mission standard form factor

NVIDIA.

GPU ENABLED HARDWARE

Our kits demonstrate a **175-300x speed up** in data ingest and pipelining over a CPU based solution

Booz Allen

CUTTING EDGE AI TOOLING

Our kits run on Booz Allen's **Cyber Precog**, our GPU acceleration and analytics orchestration platform

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