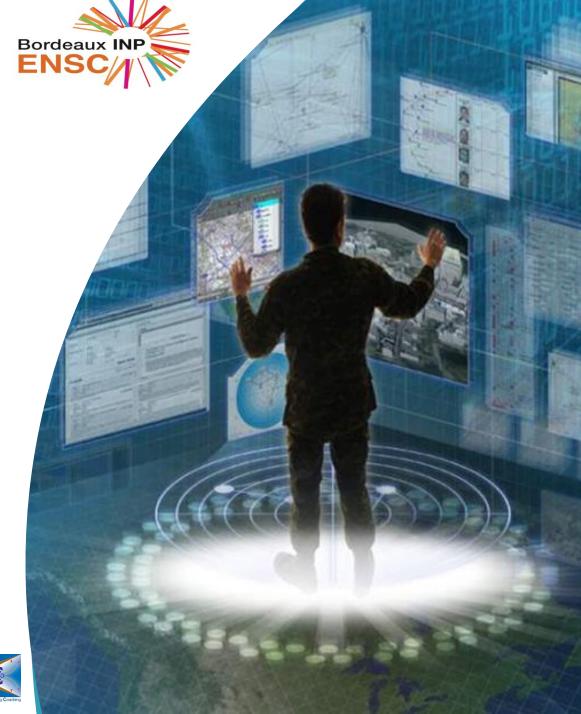
THALES

"Reading the Mind of the Enemy through an augmented CCIR Process"

Academia/Industry Multidisciplinary Project « ANTICIPE »







The Global Context of "ANTICIPE"

Complexity



Deluge of Data



Tempo







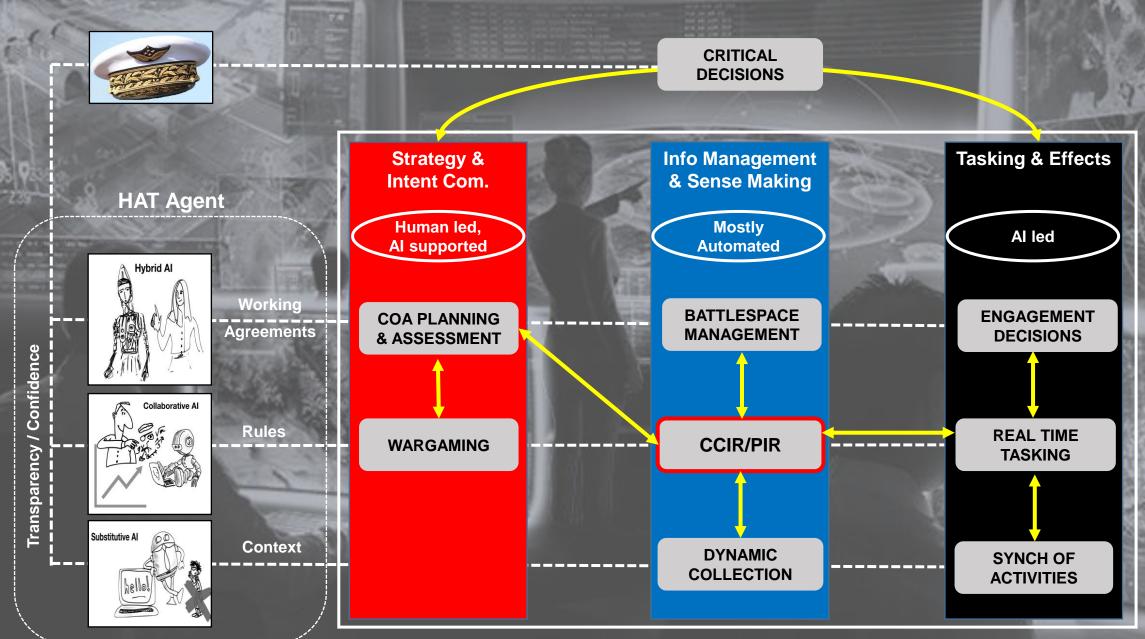
Understanding



Sense Making

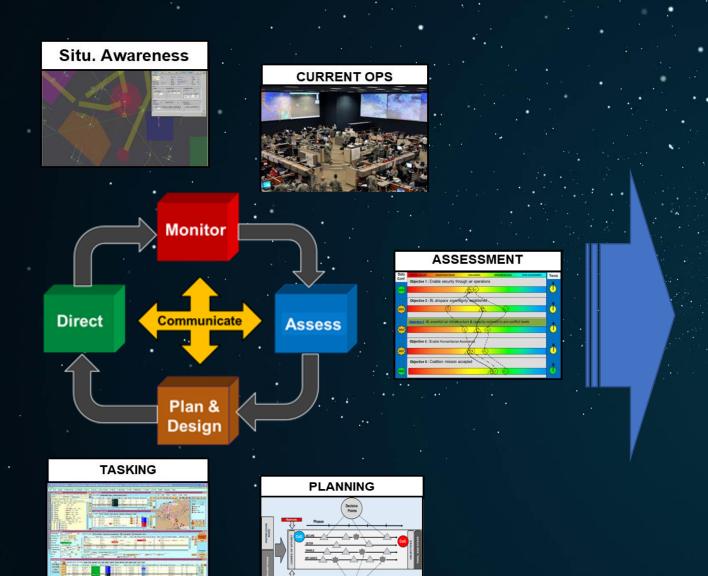


Multi-Domain Ops Center* Organization





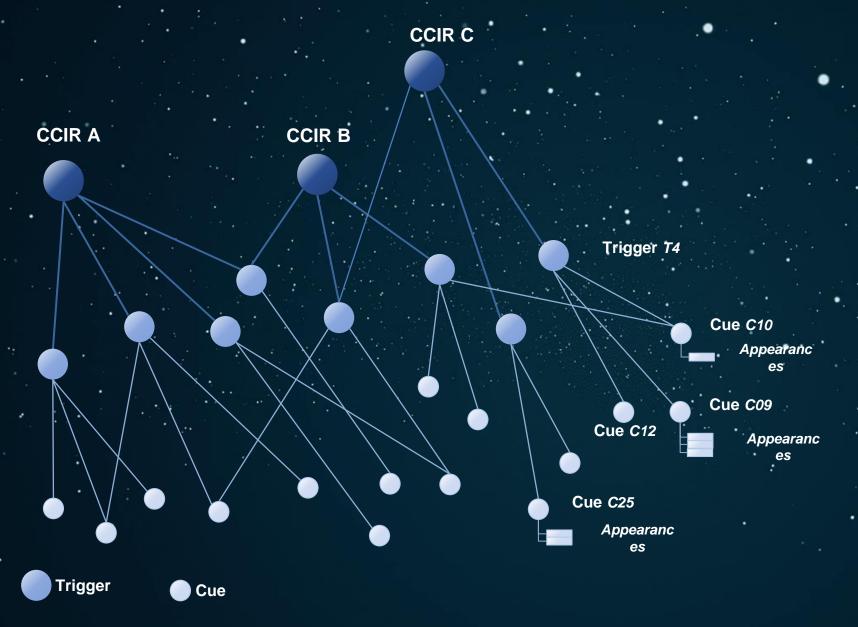
Toward a Cognition Augmented Decision Cycle





Commander's Critical Information Requirement in the Planning Process **Decisive Points** CoG ENABLE **Critical Information Decision Points**

An Innovative Data Model

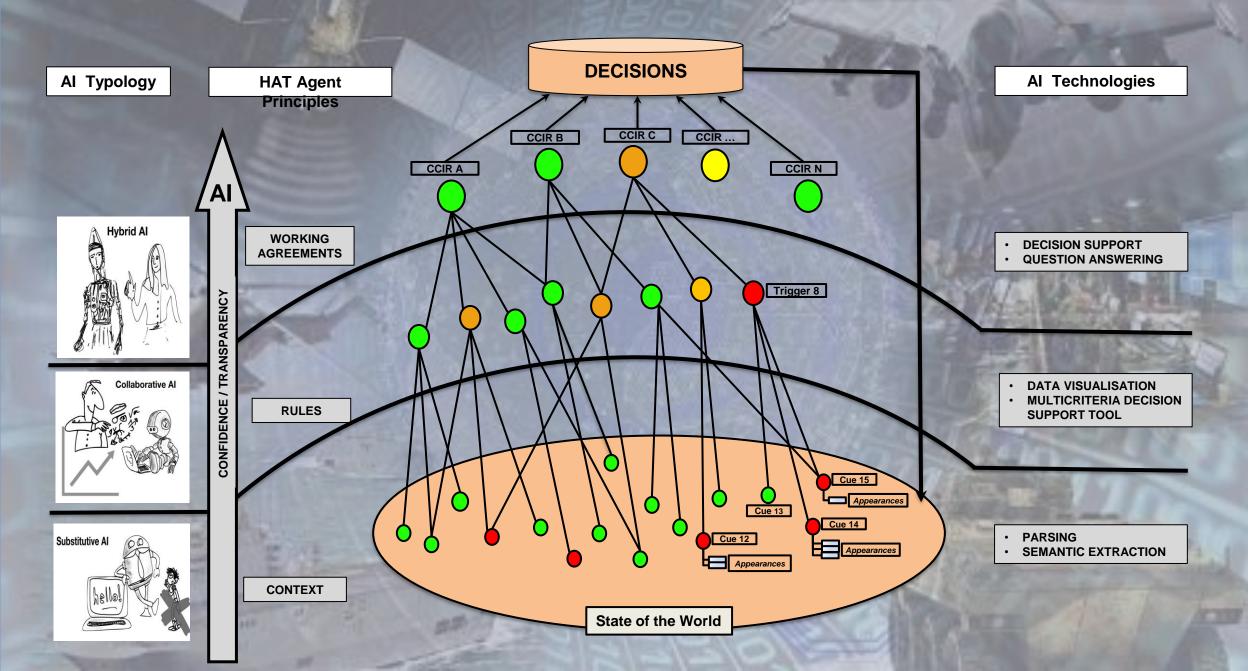


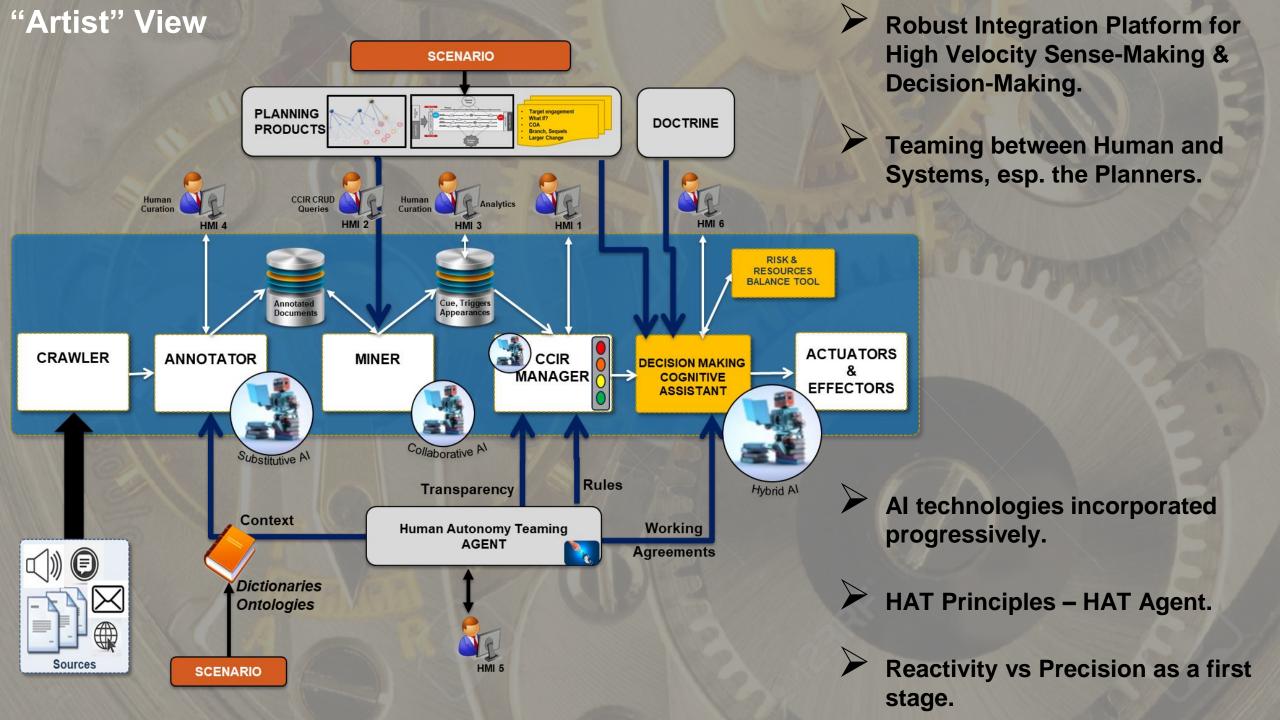
The CCIR Process > Reducing Information Environment complexity **Approves Provides Decides** > Central process CCIR guidance COA **CCIR GRAPH** Develop CCIR **KEY DECISION** > Anticipation tool MITIGATION **ACTIONS Monitor** Maintain CCIR CCIR

> Focusing on Commander's intents and concerns.

PREVENTIVE MEASURES

A broad spectrum Human Autonomy Teaming (HAT) System





Very diverse and broad sources of information C4I generated Documents Voice Communication & http:// Control Systems (VCCS)

PDF

OPEN SOURCES

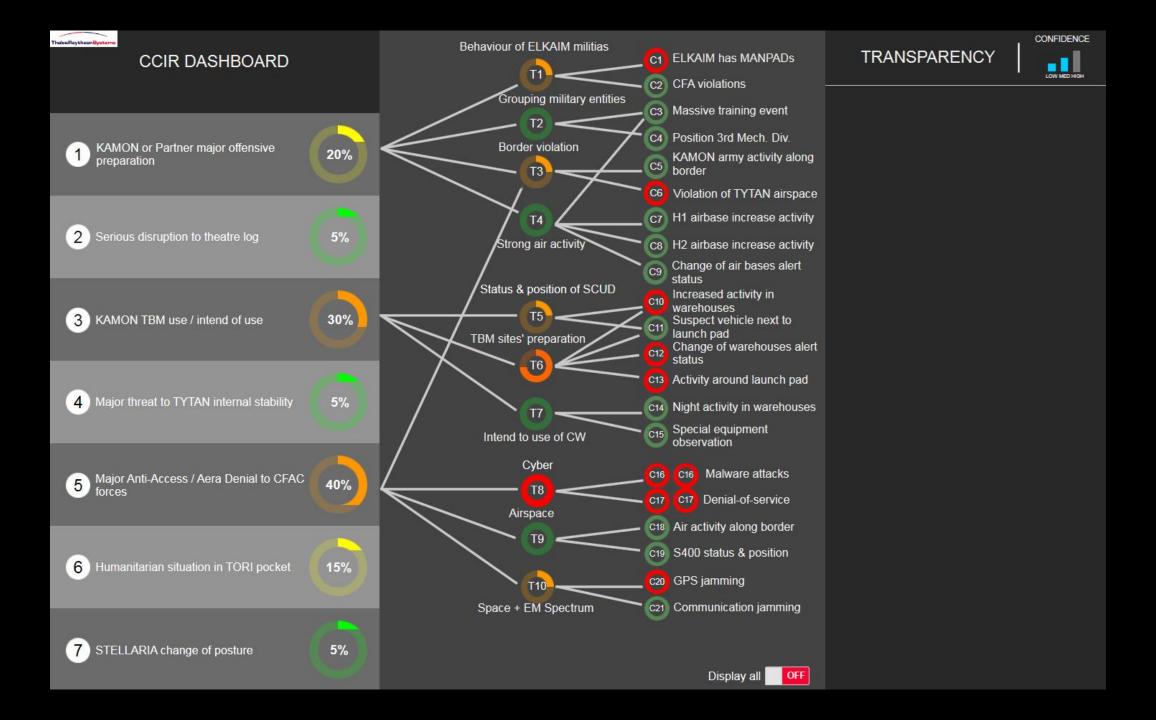


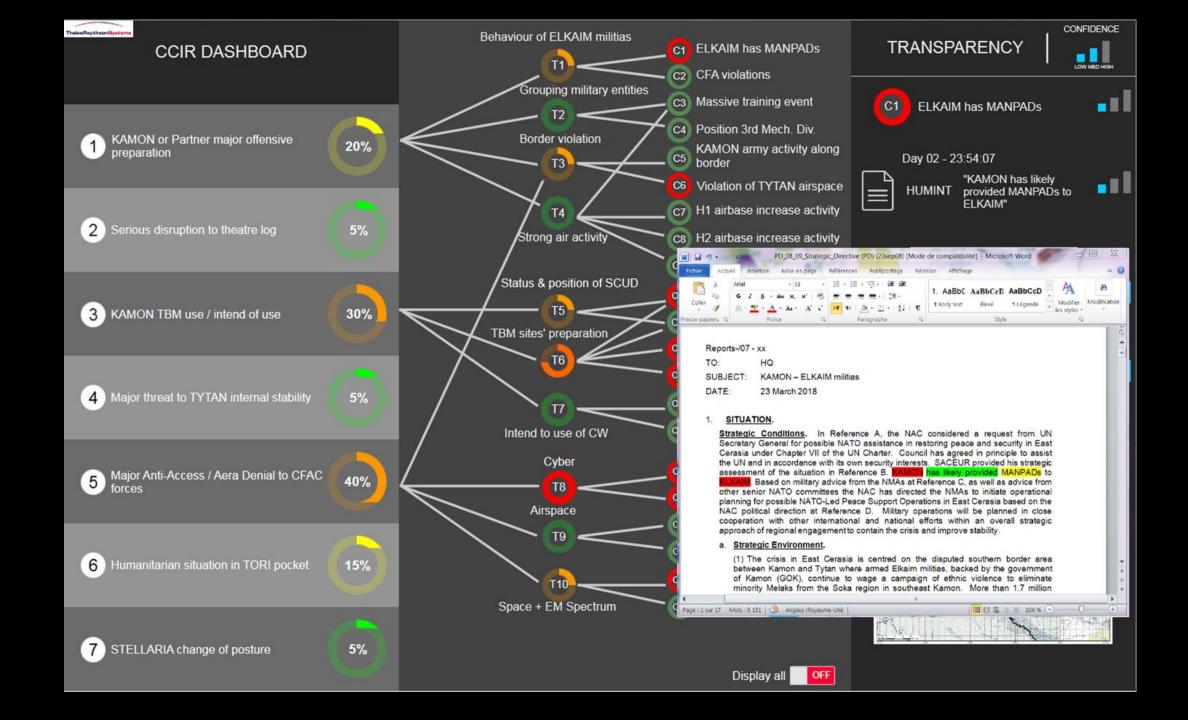


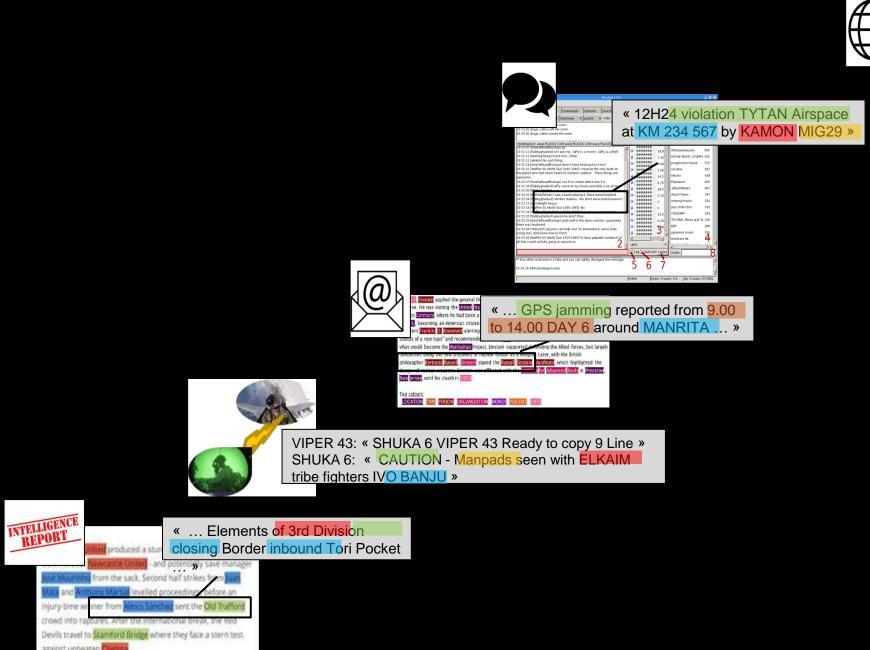
ISTAR Products

CCIR N°1 Example Harsh terrain and « CAUTION - Manpads seen with ELKAIM tribe limited resources fighters IVO BANJU » INTELLIGENCE REPORT STELLARIA KAMON TYTAN **PETRACEROS** LAKUTA **Behavior of ELKAIM militias ELKAIM** has Manpads **Lack of Development Cease-Fire-Agreement violations KAMON** or Proxies major offensive preparation Grouping military entities CCIR **T2** N°1 Border violation KAMON activity along border **T3** Violation of TYTAN airspace **Preventive Decisions** Helo flights under restrictions BPT CAS CAP over Tori / Banju

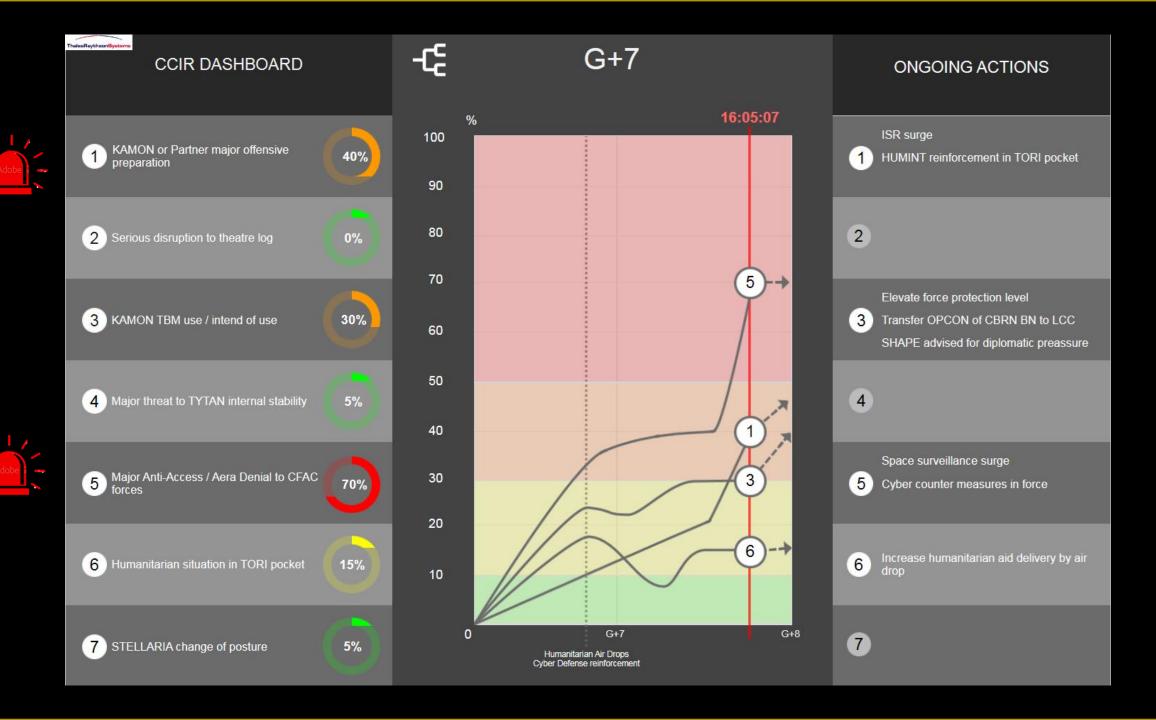


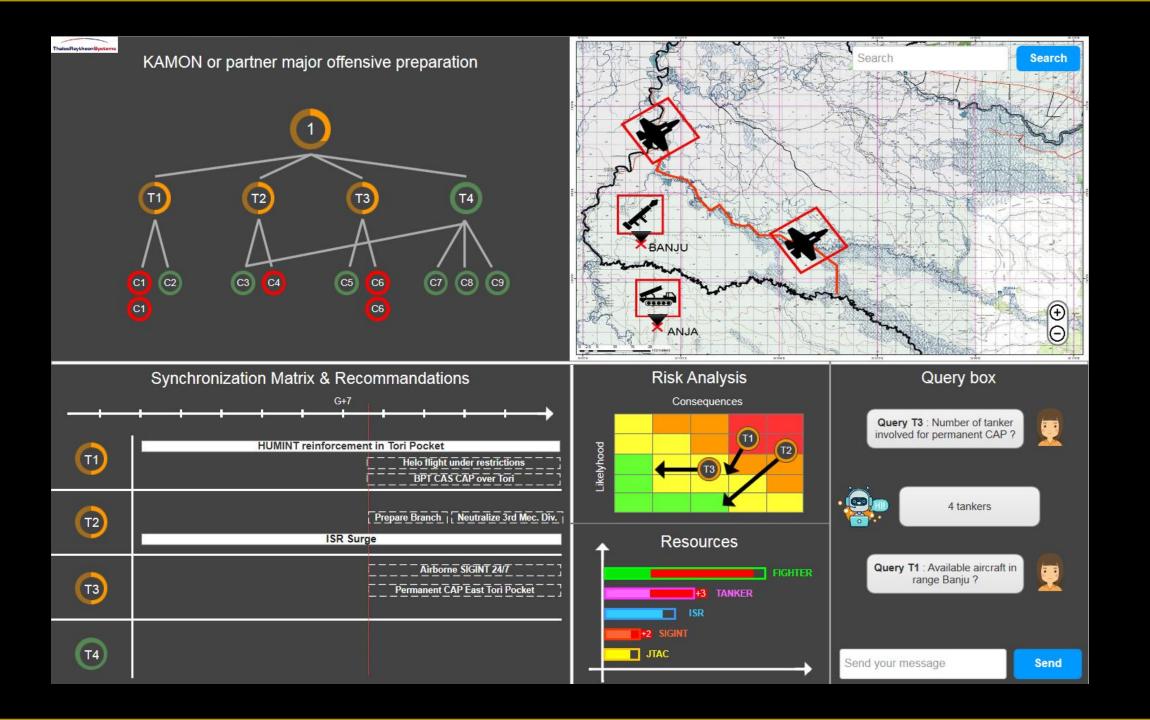




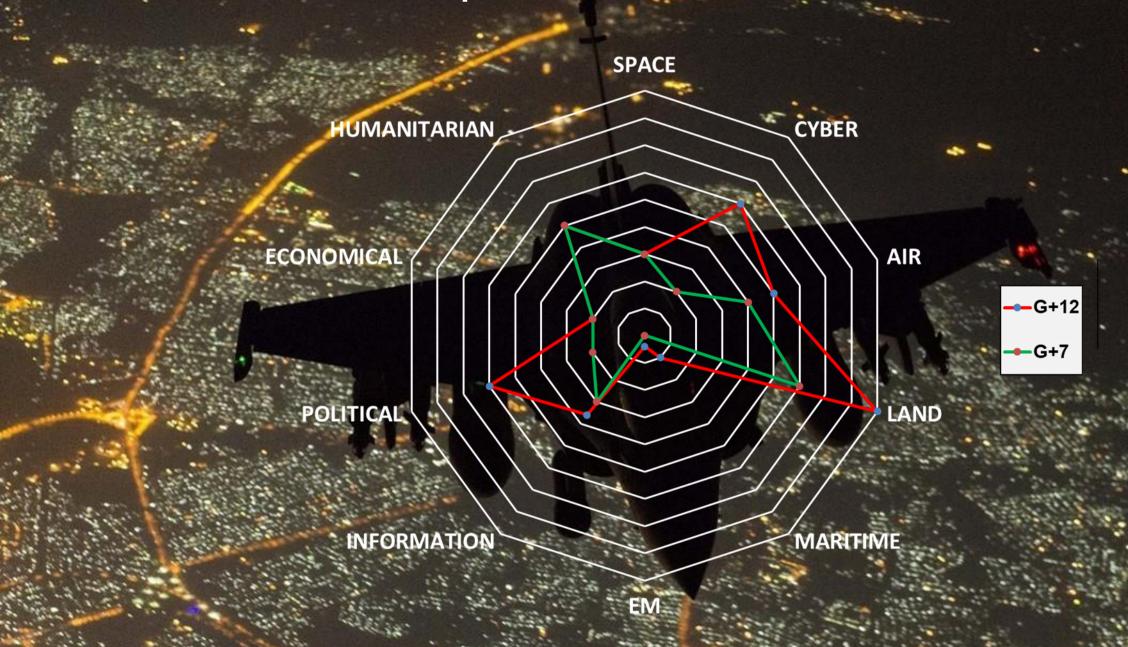


Kamon news: « ... S400 will be deployed to counter NATO aggression ... »

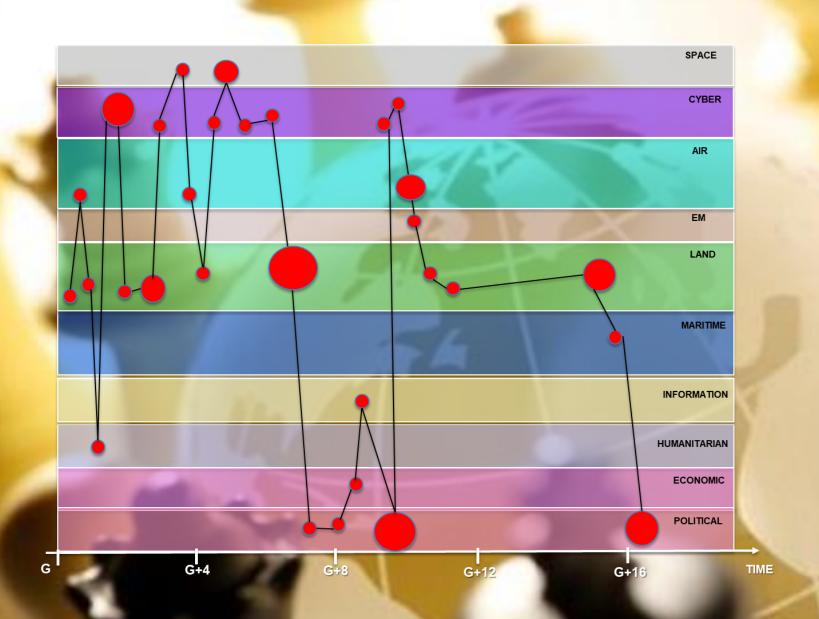




Adversaries Multi-domain Operations – RADAR VIEW



Adversaries Multi-domain Operations – SEISMOGRAPH VIEW











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