

ete technology®


hymots®


etecube®


nginr®


adam®
STAFF


arts®

ETE Technology Inc Products

Prof Dr Erdal Çayırıcı
erdal@etetechnology.com

Established in December 2015.

BİLGİMEN

HİZMETTE ÖZEL
T.C.
TÜRKİYE BİLİMSEL VE TEKNOLOJİK ARAŞTIRMA KURUMU BAŞKANLIĞI
Bilim ve Bilgi Güvenliği İleri Teknolojiler Araştırma Merkezi Başkanlığı

Sayı : E-7677481-125.05-45980
ETE DENEY EĞİTİM VE DEĞERLENDİRME
TEKNOLOJİLERİ A.Ş. TEMPEST
Tesis Değerlendirmesi

08.08.2023

ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ A.Ş.

İlgili : 06.04.2023 Tarihli Tempest Tesis ve Danışmanlık Hizmetleri İçin Sipariş Yazısı.

İhale konusu ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ A.Ş.'nin Ege Serbest Bölge içerisinde bulunan tesisinin TEMPEST Tesis değerlendirilmesi yapılmış ve uygunluk raporu ekte sunulmuştur.

Mevcut durumu göre adı geçen tesiste hazırlanan gizlilik dereceli bilgi işlenmiş bölgelerde MSB TEMPEST GENELİĞİ ve NATO SDIP-29/2 standardındaki TEMPEST tesis şartlarını sağlamaktadır.

Bilgilerinizi sunarım.

Dr. Ali GÖRÇÜN
Mektek Başkan V.

Ek:ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ A.Ş. Tesis Değerlendirmesi Sonuç ve Uygunluk Raporu

T.C.
MILLÎ SAVUNMA BAKANLIĞI
ANKARA
(MINISTRY OF NATIONAL DEFENCE OF THE REPUBLIC OF TÜRKİYE)

TESİS GÜVENLİK BELGESİ
(FACILITY SECURITY CLEARANCE CERTIFICATE)

Bölge No (Document Number) : 2023/164
Geçerlilik Tarihi (Valid Date) : 30.09.2028
Gizlilik Derecesi (Secret Level) : MİLLÎ GİZLİ - NATIONAL SECRET
Tesis Adı (Facility Name) : ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ AŞ
Tesis Adresi (Facility Address) : ZAFER SB MAH. NİLÜFER SOKAK NO:32 İÇ KAPLI NO:301 GAZİEMİR/İZMİR

Türkiye Cumhuriyeti Savunma Sanayii Millî Güvenlik Makama tarafından, Savunma sanayii ile ilgili faaliyetleri düzenleyen yürürlükteki 5202 sayılı Kanun ve ilgili mevzuat ile NATO Güvenlik Talimatı esaslarına göre söz konusu tesiste Tesis Güvenliği Denetimi yapılmıştır.

Yapılan denetimde, kuruluğ tarafından hazırlanan Tesis Özel Güvenlik El Kitabında mevcut gizlilik dereceli bilgi, belge, proje, malzeme ve teçhizat korumaya yönelik önlemlerin ve uygulamaların yeterli olduğu tespit edilmiştir.

This is to certify that the Turkish Republic National Security Authority for Defence Industry granted Security Clearance to the whereof facility according to Law No: 5202 on Defence Industrial Security, rules, regulations and NATO Security Instruction.

At the result of the inspection, it is determined that the measures and practices aimed at safeguarding the classified information, documentation, projects, materials and equipment which are available in Facility Private Security Handbook published by the corporation are capable.

Dr. Celal Sarı TUFEKCI
Bakan V.
Bakan Yardımcısı
(Deputy Minister)

Certificate	Date
Facility Tempest	08.2023
National Secret Clearance	09.2023
NATO Secret Clearance	10.2023
Production Permit	05.2024
ISO 9001	08.2025
ISO 27001	08.2025
AQAP 2110	05.2026

IQNET

Certificate

TSE has issued an IQNET recognized certificate that the organization: **ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ A.Ş.** has implemented and maintains a **QUALITY MANAGEMENT SYSTEM** for the following scope: Scope of the certificate is given in annex which fulfills the requirements of the following standard: **TS EN ISO 9001:2015**

Issued on: 04-09-2025
First issued on: 04-09-2025
Expires on: 04-09-2028

Registration Number : TR-KY-8705/25

Alex Stoichitoiu
President of IQNET

Kenan AKTÜRK
Izmir Vice Certification Manager

This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

MINISTRY OF FOREIGN AFFAIRS
OF
THE REPUBLIC OF TÜRKİYE

95091151-520.55-2023/36766210

FACILITY SECURITY CLEARANCE CERTIFICATE (FSCC)

This is to certify that facility security clearance was granted to ETE Deneysel ve Eğitim Değerlendirme Teknolojileri A.Ş. (facility located at Zafer Sb. Mahallesi Nilüfer Sokak No:32 İç Kapı No:301 Gaziemir/İZMİR) by the National Security Authority of the Republic of Türkiye on **23 October 2023** in accordance with the provisions of the Industrial Security Directive, supporting Enclosure "G" to the NATO Security Policy (C-M(2002)49-REV1), and that this clearance is valid until **30 September 2028**.

The National Security Authority of the Republic of Türkiye confirms that the above-mentioned facility possesses storage capabilities approved for safeguarding of classified information up to the "NATO SECRET" level.

This certificate has been issued upon request of the said company.

Signed : Tuğba SARAYÖNLÜ
Title : Head of Department
NATO and Euro-Atlantic Security Infrastructure and Logistics

ÜRETİM İZİN BELGESİ

TÜRKİYE CUMHURİYETİ SAVUNMA SANAYİ MİLLÎ GÜVENLİK MAKAMI TARAFINDAN, Zafer SB Mah. Nilüfer Sokak No:32 İç Kapı No:301 Gaziemir/İzmir adresinde konuşturulmuş;

ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ AŞ

HARP ARAÇ VE GEREÇLERİ İLE SİLAH, MÜHİMMAT VE PATLAYICI MADDE ÜRETEN SANAYİ KURULUŞLARININ DENETİMİ HAKKINDAKİ 5201 SAYILI KANUNA GÖRE DENETLENMİŞ OLUP,

ANILAN KURULUŞA, 03 Aralık 2022 tarih ve 32032 sayılı Resmî Gazetede yayımlanan 5201 Sayılı Kanun Gereğince "Kontrolü Tabii Tutulacak Harp Araç ve Gereçleri ile Silâh, Mühimmat ve Bunlara Ait Yedek Parçalar, Askerî Patlayıcı Maddeler, Bunlara Ait Teknolojilere İlişkin Liste"nin; -1.1.g.(7) maddesi kapsamında "Her türlü askerî ve ulusal güvenlik amaçlı yazılımlar ve yazılım kodları" -1.1.g.(8) maddesi kapsamında "Her türlü askerî amaçlı eğitim simülasyonları"nın üretimi için;

ÜRETİM İZİN'İN verildiği
TASDİK OLUNUR.
16.10.2024

Dr. Celal Sarı TUFEKCI
Bakan V.
Bakan Yardımcısı

REPUBLIC OF TÜRKİYE
MINISTRY OF NATIONAL DEFENCE
INDUSTRIAL QUALITY ASSURANCE LEVEL
CERTIFICATE

CERTIFICATE NO :2026/06

ANKARA
May 2026

COMPANY NAME : ETE DENEY EĞİTİM VE DEĞERLENDİRME TEKNOLOJİLERİ A.Ş.
Zafer Sb Mah. Nilüfer Sok. No:32 İç Kapı No:301 Ege Serbest Bölgesi Gaziemir/İZMİR

The audit carried out to confirm that your company's quality assurance system complies with AQAP-2110 requirements has been completed.

It is certified that your company's quality assurance system explained in Quality Manual KIK-01 Rev:04 dated on 30 March 2026 and complies with AQAP-2110 requirements for production mentioned below.

"Computer programming, research and development, software development, maintenance, system integration, network and database management."

This certificate is valid until 05 May 2029 by 17.00 o'clock.

Ministry of National Defence of the Republic of Türkiye Quality Assurance Authority will continuously monitor and audit effectiveness and application of the quality assurance system.

This certificate may be subject to cancellation if changes and renewals to be made in the system defined in Quality Manual presented to the Ministry of National Defence are not submitted to and approved by Ministry of National Defence previously or in the case that results of reviews are negative.

Volkan AYDIN
Brigadier General
Acting General Manager of Procurement



Multidomain

Domains

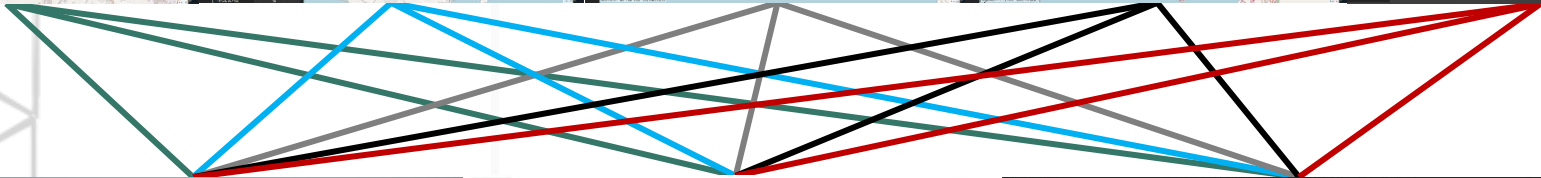
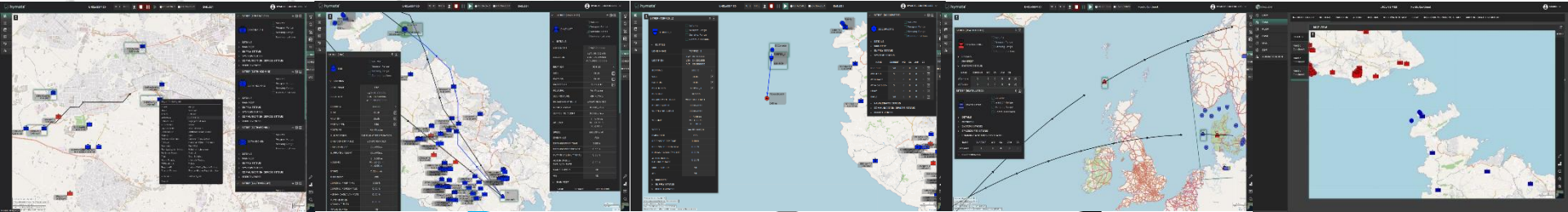
Land

Air

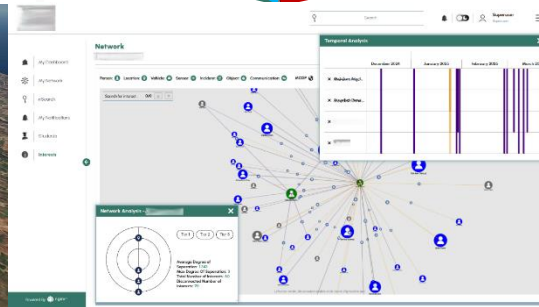
Maritime

Space

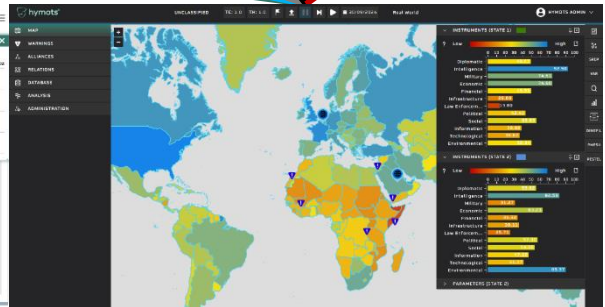
Cyberspace



Physical



Virtual



Cognitive

Dimensions

- Multidomain integration
- Multidimensional
 - Physical
 - Cyber
 - Cognitive
 - Informational
 - Human

Methodologies and Processes

Processes

Technology Estimation

Geostrategic Foresight Estimation

Defense Planning

Concept & Doctrine Development

Capability Package Management

Education & Training

Evaluation and Certification

Advance Planning

Response Planning

Command & Control

Methodologies

Experimentations

Exercises

Wargaming

Tools

Planning Preparation Management

Modelling and Simulation

Data Information Knowledge and Analytics



Support Methodologies & Connect Processes

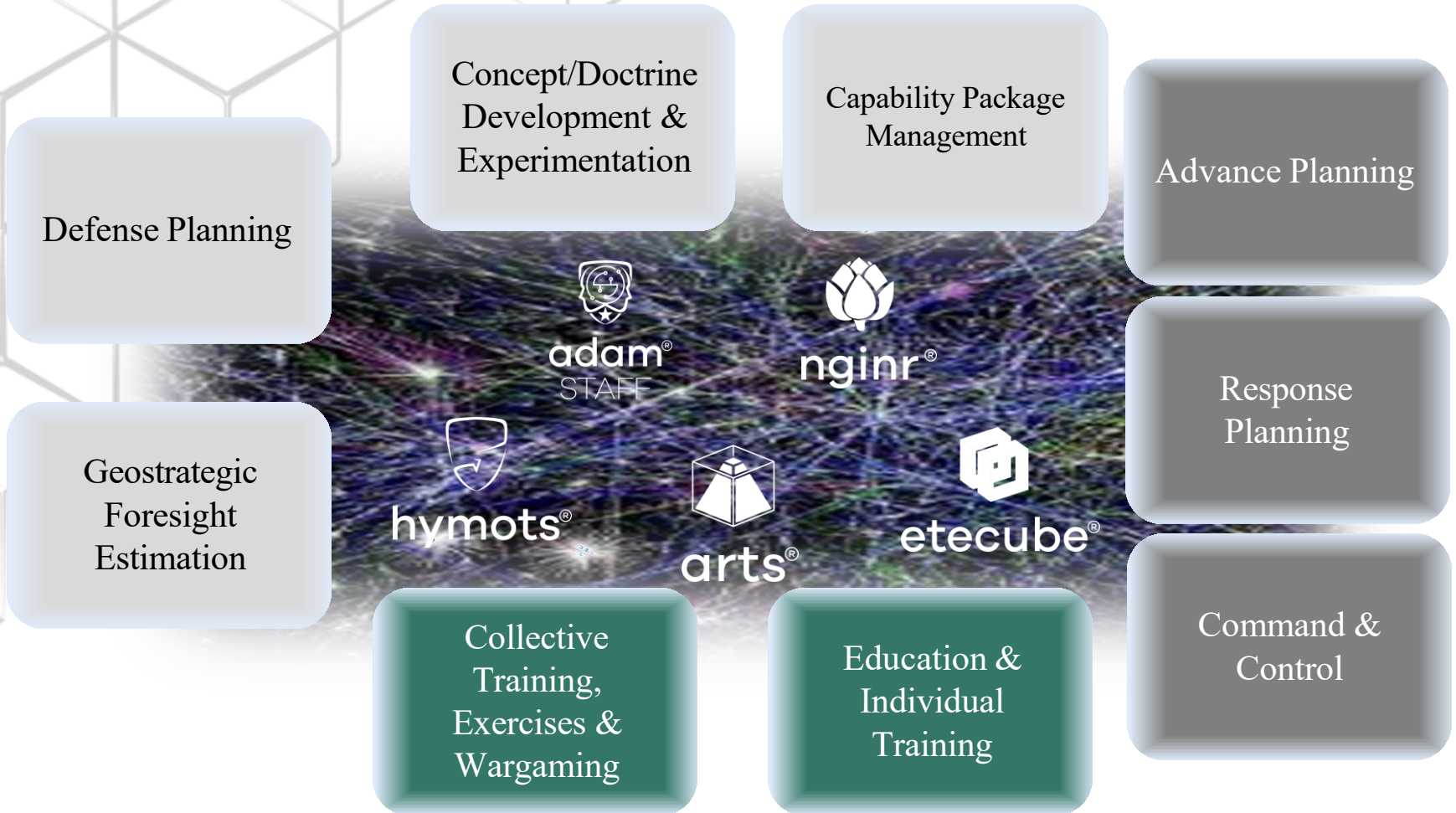
Methodologies

Category	Characteristics
Computer Assisted Command Post Exercises	Collective Skills
	Realistic Training Environment, i.e., Train as You Fight
	Practice and Develop Collective Skills
	Exercise Control including HICON and LOCON Training Audience
Computer Assisted Wargames	Winning Information and Experience
	Fidelity
	Understand and Generate Knowledge/Experience
	Wargame Control including Umpires but typically No LOCON or HICON Players
Computer Assisted Military Experiments	Discovery, Hypothesis and Validation
	Empirical and Formal Proofs
	Test and Mature
	Analysts, Experimenters, Planners/Developers

HICON: Higher Level Control

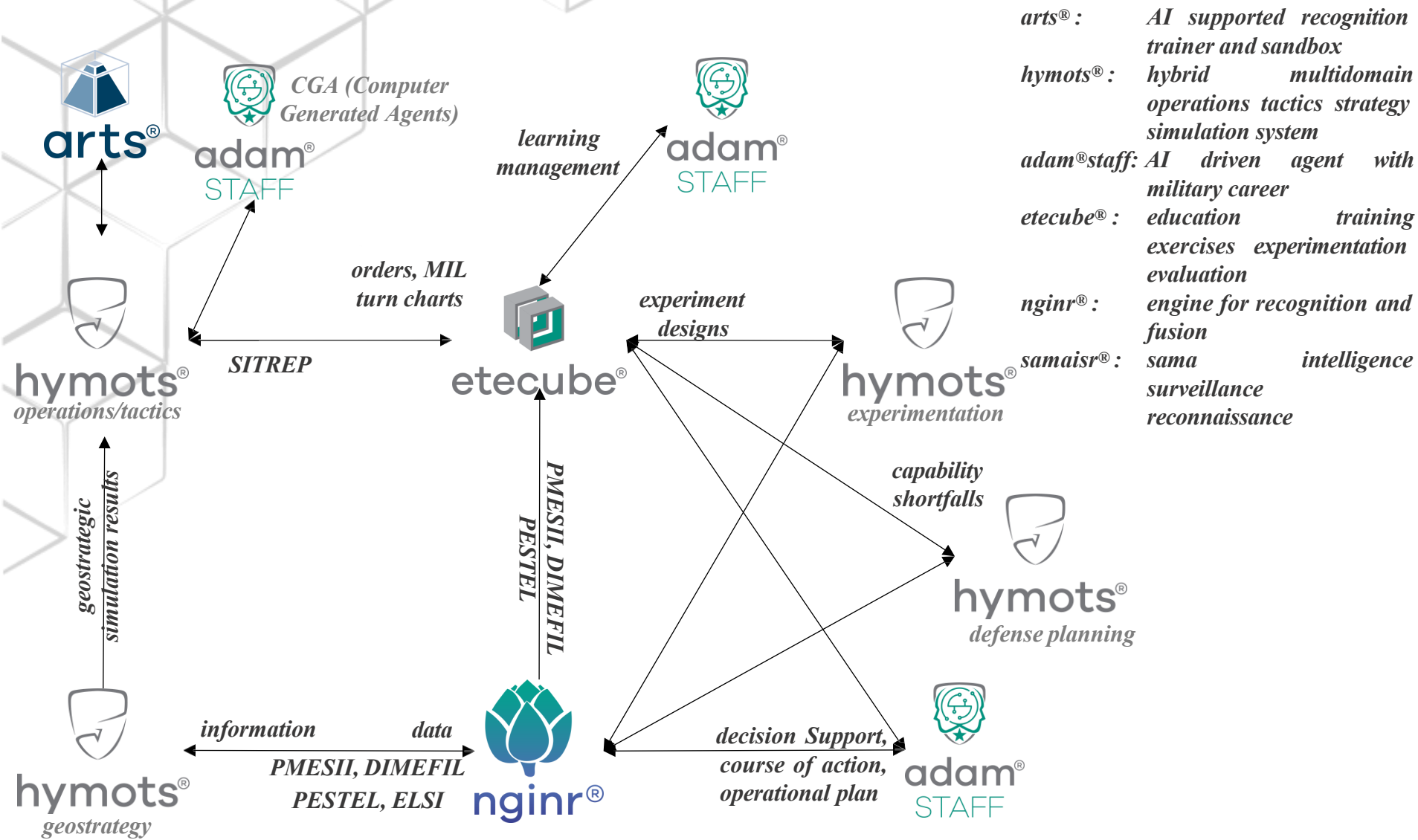
LOCON: Lower Level Control

Supported Processes



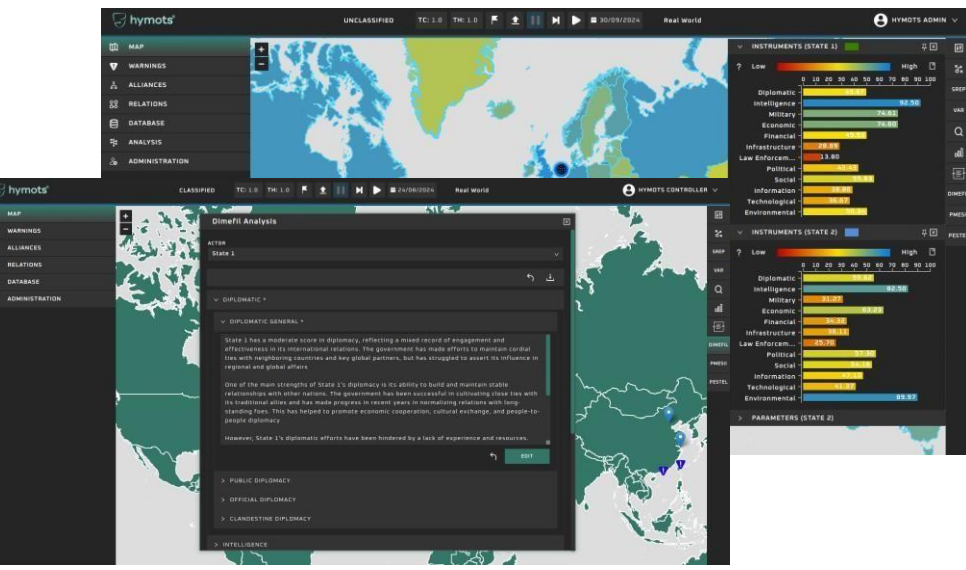
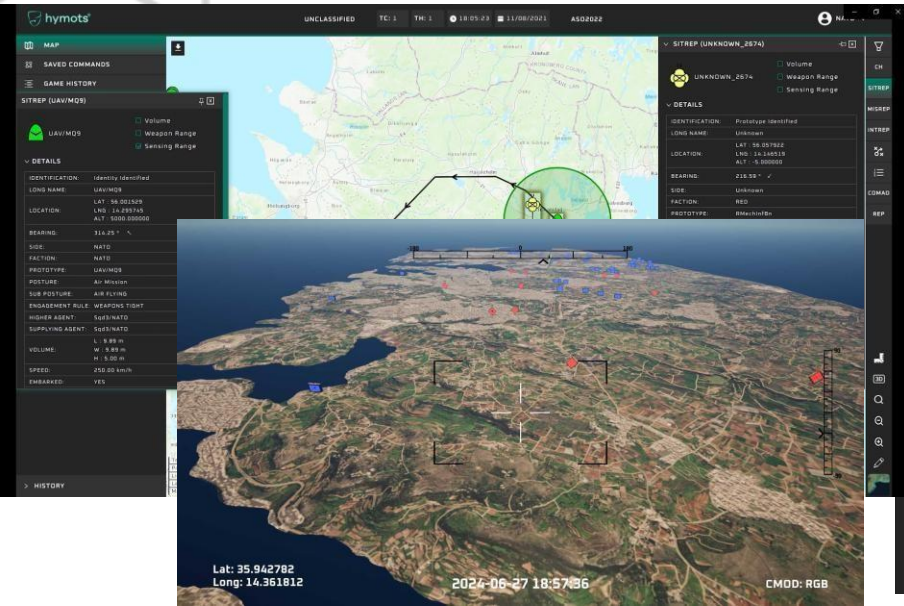
Our toolset is agnostic to methodologies and therefore to processes. The same toolset can support any of three methodologies within any transformational and operational process.

ETE Technology Software Suite



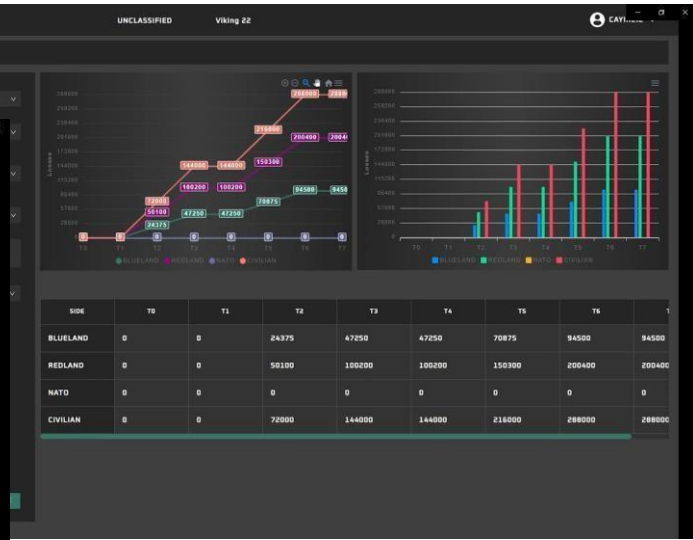
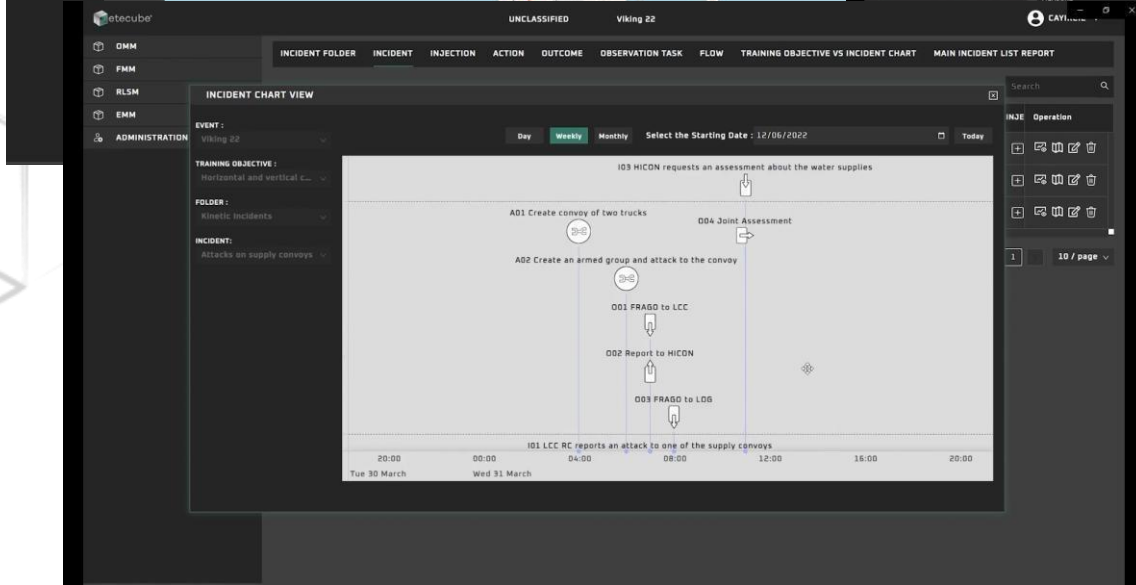
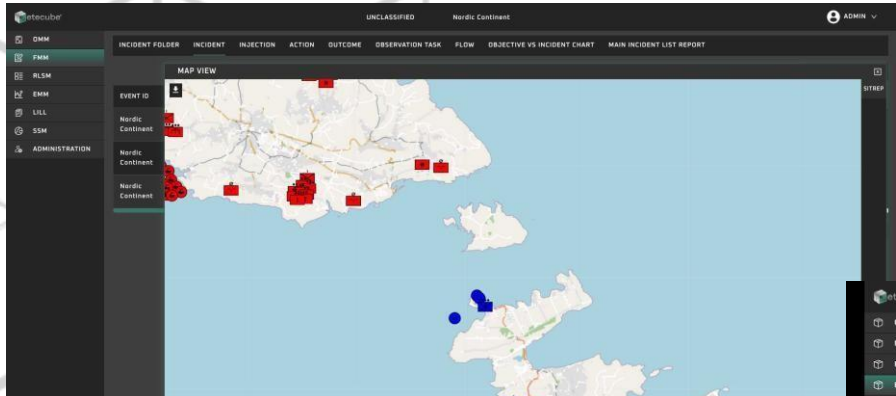
- arts®**: AI supported recognition trainer and sandbox
- hymots®**: hybrid multidomain operations tactics strategy simulation system
- adam®staff**: AI driven agent with military career
- etecube®**: education training exercises experimentation evaluation
- nginr®**: engine for recognition and fusion
- samaistr®**: sama intelligence surveillance reconnaissance

Hybrid Multidomain Operations Tactics Strategy Simulator (hymots®)



Technology Readiness Level: 9 (operational) Version: 2.4.8.x

Education Training Exercises Experimentation Evaluation (etecube®)



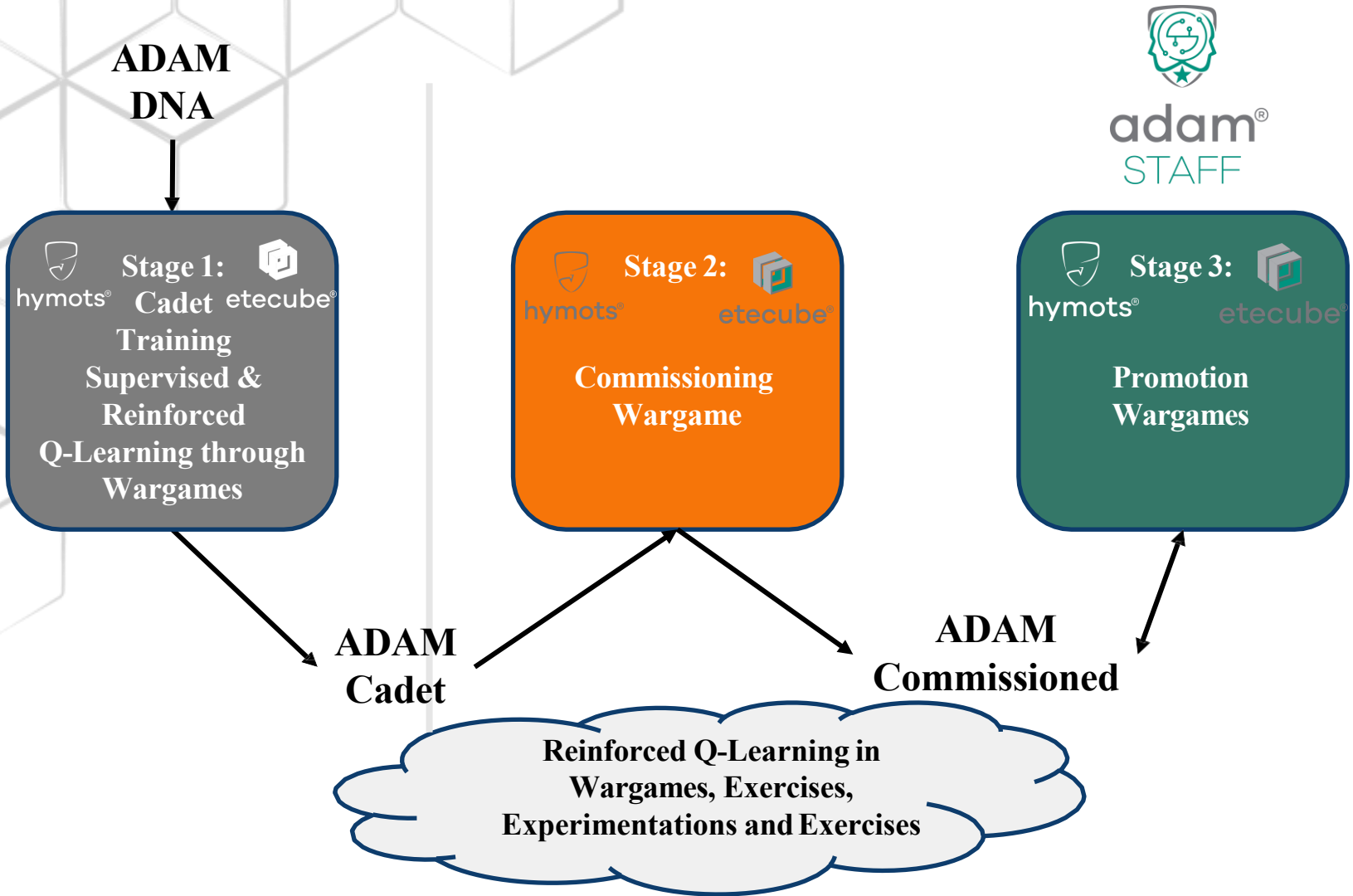
Technology Readiness Level: 9 (operational) Version: 2.4.9.x

Engine for Recognition and Fusion (nginr®)

Collect, Process & Fuse	Recognize and Notify	Report	Investigate
<ul style="list-style-type: none"> - Open-Source Data <ul style="list-style-type: none"> - Web scraping (~200 sites via Google API) - Online news (the same as web scraping) - Blacklists (the US and the EU from Norges Bank) - Court records (Only European) - Social Media Scraping (Public Instagram & X limited) - User Uploaded Data <ul style="list-style-type: none"> - Word/pdf/txt files - Videos - Imageries - Formatted data - Intelligence Surveillance Reconnaissance - Process Automation <ul style="list-style-type: none"> - Security - Safety - Regulations - Policies - Self assessment questionnaires 	<ul style="list-style-type: none"> - Explainable AI <ul style="list-style-type: none"> - Financial patterns - Mobility patterns - Social patterns - Cyber patterns - Blacklist records - Court records - Online news - Deep Machine Learning / Transformer Models <ul style="list-style-type: none"> - Person of Interest (<10% F+) - Vehicle of Interest (Plate Turkish <20% F+, Qatar, UAE, Saudi, Malaysia, EU) - Incident of Interest (Fire, Explosion <20% F+, Crowd <20% F+, Fight <40% F+) - Object of Interest (Mask, Helmet, Balaclava, Vest <25% F+) - Location of Interest (Only text <10% F+) - Topic of Interest (Only text <10% F+) - Enterprise of Interest (Only text <10% F+) - Communication of Interest - Functional Area of Interest - Sensor of Interest - Relation of Interest - Industry of Interest - Deep machine learning <ul style="list-style-type: none"> - Sentiment analysis - Large language processing - adam®staff (Prototype) 	<ul style="list-style-type: none"> - State vector analysis (Political, military, economical, Social, information, infrastructure) - Instruments of power analysis (Diplomatic, intelligence, military, economic, finance, information, law enforcement) - Factor analysis (Politic, economic, social, technologic, environmental, law enforcement) - Prespecified Reports (Diplomatic, intelligence, military, economic, finance, information, law enforcement) - Code of conduct - Risk analysis - Corruption/money laundering detection 	<ul style="list-style-type: none"> - Network analysis - Degree of separation analysis - Temporal analysis - Geotemporal analysis - adam®staff (Deep Q-learning) (Prototype)

Technology Readiness Level: 9 (operational) Version: 2.0.0.x

AI Driven Agent with Military Career



Technology Readiness Level: 8 (prototype) Version: 0.0.0.0

AI Supported Recognition Trainer and Sandbox (arts®)



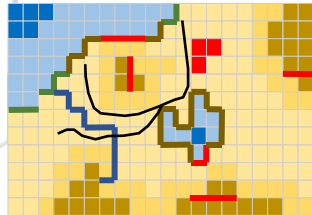
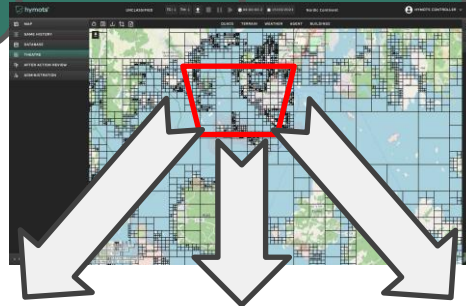
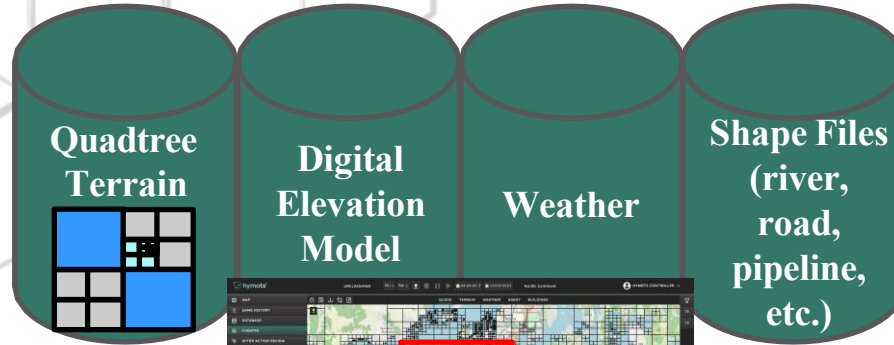
Technology Readiness Level: 9 (operational) Version: 2.0.0.x

Biometric Authenticator Palm Vein Reader (batP)

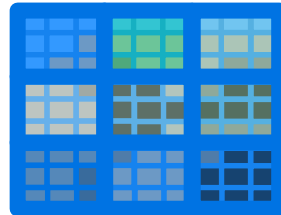


Technology Readiness Level: 9 (operational) Version: 1.0.0.x

Terrain Database



Terrain Vector



Weather Vector

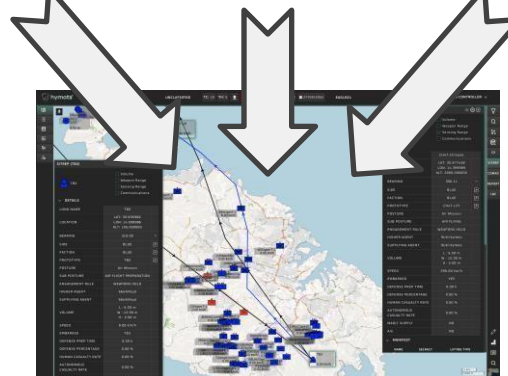
- Buildings,
- Roads-Railroads,
- Rivers
- Pipelines
- Separation Lanes, Corridors

Urban & Network Data



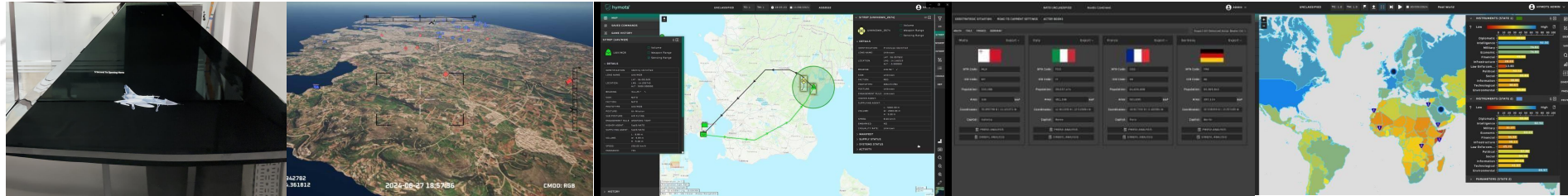
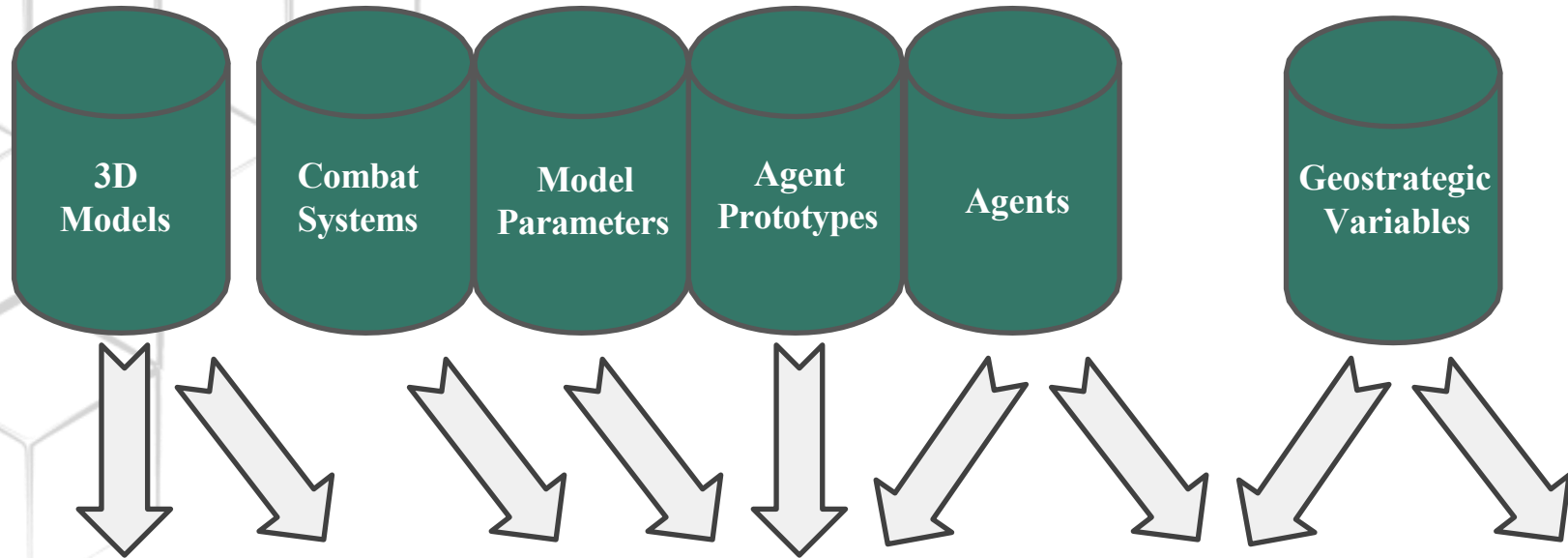
Raster

Land Map, Air Chart, Maritime Chart, Satellite Imagery



**Technology Readiness Level:
9 (operational) Version:
1.0.0.x**

3D & 2D Database



Technology Readiness Level: 9 (operational) 3D 1.0.8.x, 2D 1.2.19.x, geostrategic 1.0.3.x

Other Services 1

Operational Research and Critical Analysis Course

Advance Data Analytics Modelling & Simulation

Advance Analytics Support to Operations Planning

Technology Estimation

Geostrategic Foresight Estimation

Data Analytics Support to Strategic Defense Reviews

Data Analytics Support to Concept & Doctrine Development

Data Analytics Support to Process Development

Data Analytics Support to Capability Package Management

COMPUTER
ASSISTED
MILITARY
WARGAMES
EXPERIMENTATIONS
AND EXERCISES

Volume

01

Fundamentals

ERDAL ÇAYIRCI

COMPUTER
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MILITARY
WARGAMES
EXPERIMENTATIONS
AND EXERCISES

Volume

02

Wargames
Experimentations

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COMPUTER
ASSISTED
MILITARY
WARGAMES
EXPERIMENTATIONS
AND EXERCISES

Volume

03

Exercise
s

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Other Services 2

Joint Warfare Courses

Setting Scenario Design Development and Management

Main Incident List Design Development and Management

Computer Assisted Exercise Planning and Management

Computer Assisted Wargame Planning and Management

Computer Assisted Experimentation Planning and Management

Multidomain Warfare Center Design Development and Management

Critical Analysis Capability Package Design and Management

Lessons Identified and Lessons Learned Process

Information Knowledge Management

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MILITARY
WARGAMES
EXPERIMENTATIONS
AND EXERCISES

Volume

01

Fundamentals

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02

Wargames
Experimentations

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EXPERIMENTATIONS
AND EXERCISES

Volume

03

Exercises

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Other Services 3

Joint Warfare Services

Database Development and Maintenance

Setting and Scenario Development and Maintenance

Main Incident List Development and Maintenance

Computer Assisted Exercise Support Specialists

Critical Analysis Support Specialists

Critical Analysis Specialists

Subject Matter Experts

Referees / Umpires

Computer Assisted Experimentation Support Specialists

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01

Fundamentals

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Wargames
Experimentatio
ns

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WARGAMES
EXPERIMENTATIONS
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03

Exercise
s

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Thank You!