

# 2012 DHS S&T/ASD(R&E) CYBER SECURITY SBIR WORKSHOP



## Cyber Defense and Security Offerings

Metronome Software LLC

Gia Nguyen

# About Metronome



**HQ:** Laguna Hills, CA

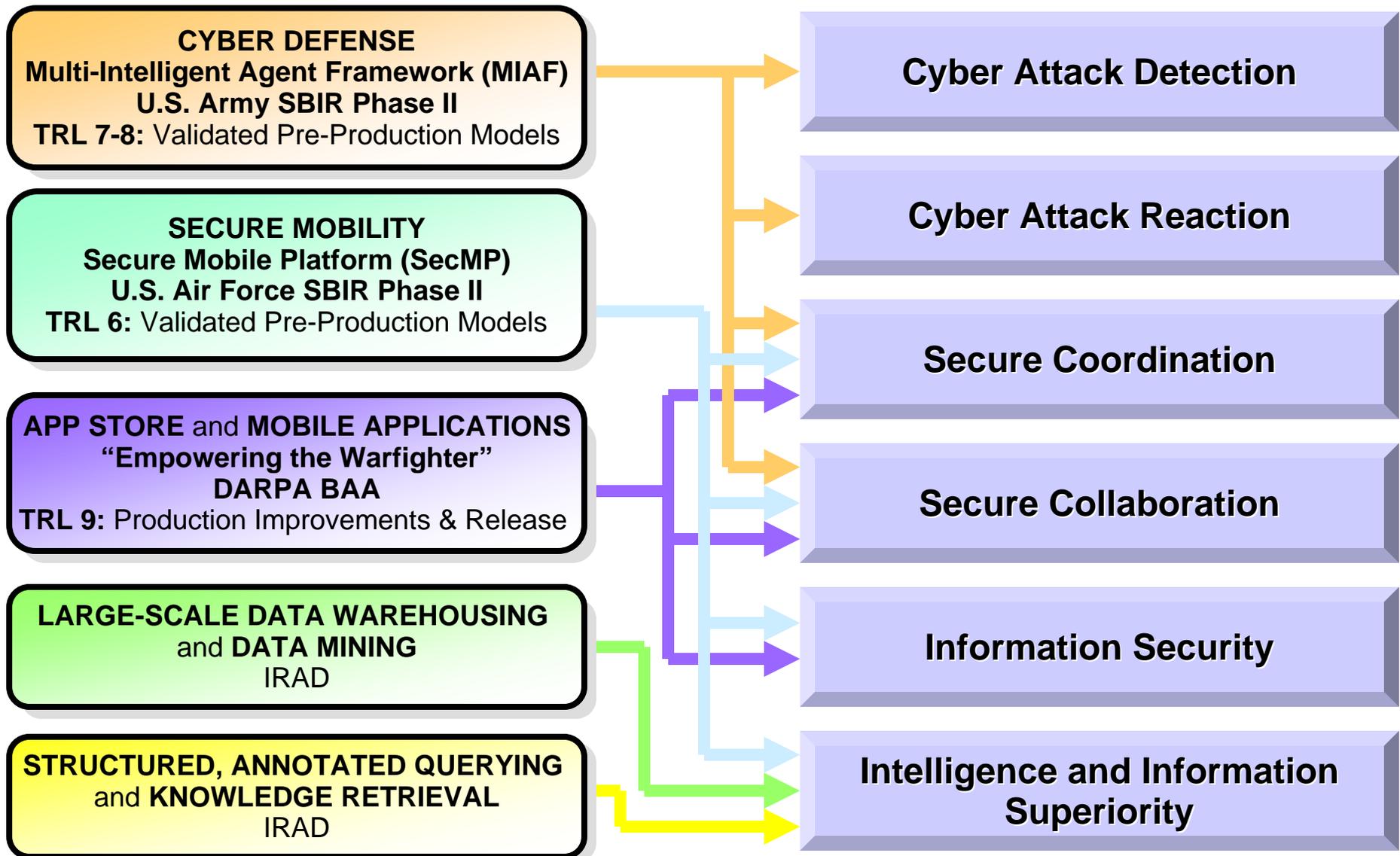


**Engineering:** Reston, VA

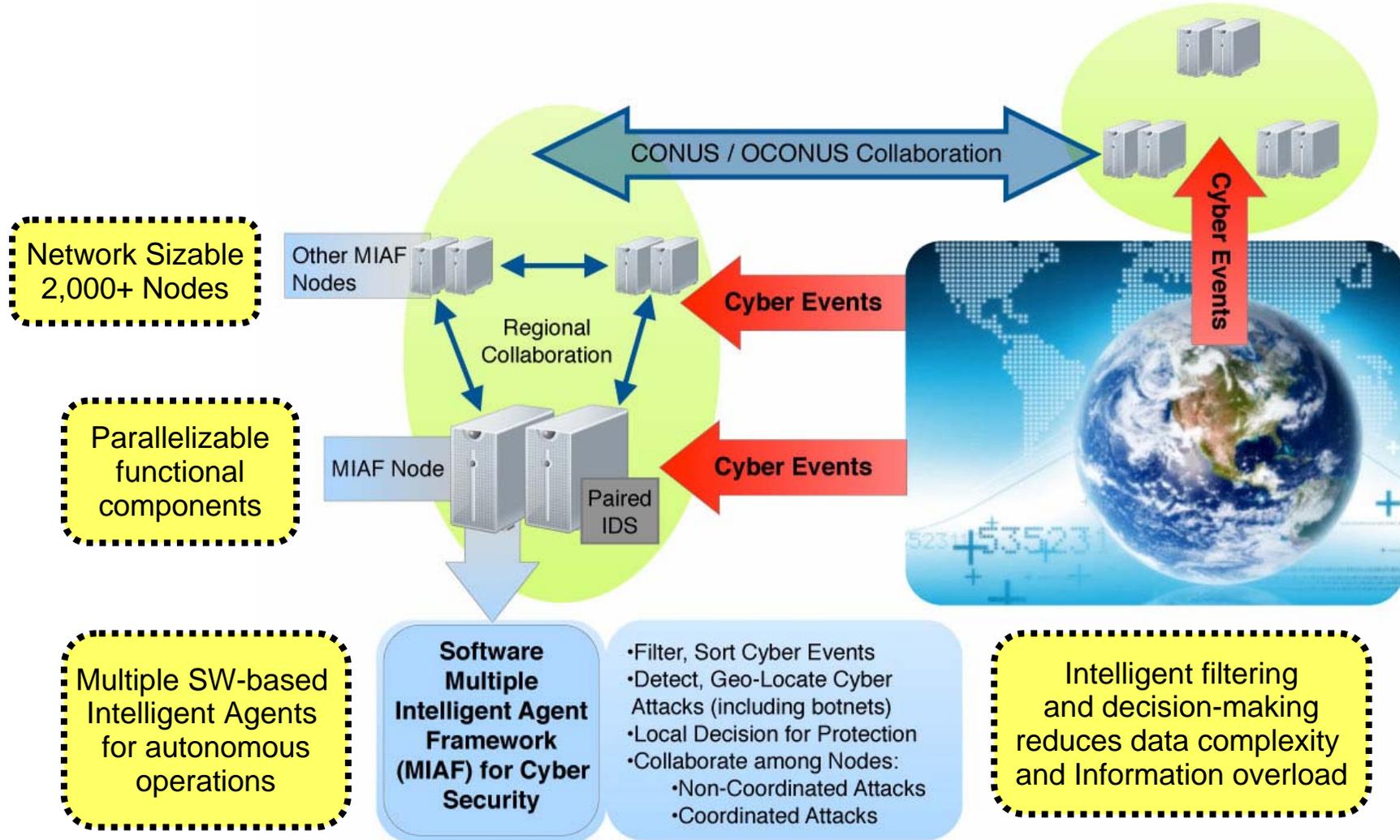
- Focus areas:
  - Cyber Defense and Security,
  - High-Assurance Secure Mobility
  - Advanced Secure Web Technologies
  - Secure large-scale-network information/data sharing
- Established in Q4-2008
- 9 DoD R&D contracts (DARPA, Air Force, Army, MDA) – 100% Competitive
- Closing one additional 2012 award with DARPA Defense Sciences Office (BAA)
- Subcontract to HAIPE® Development Program



# Metronome Technology Mapping

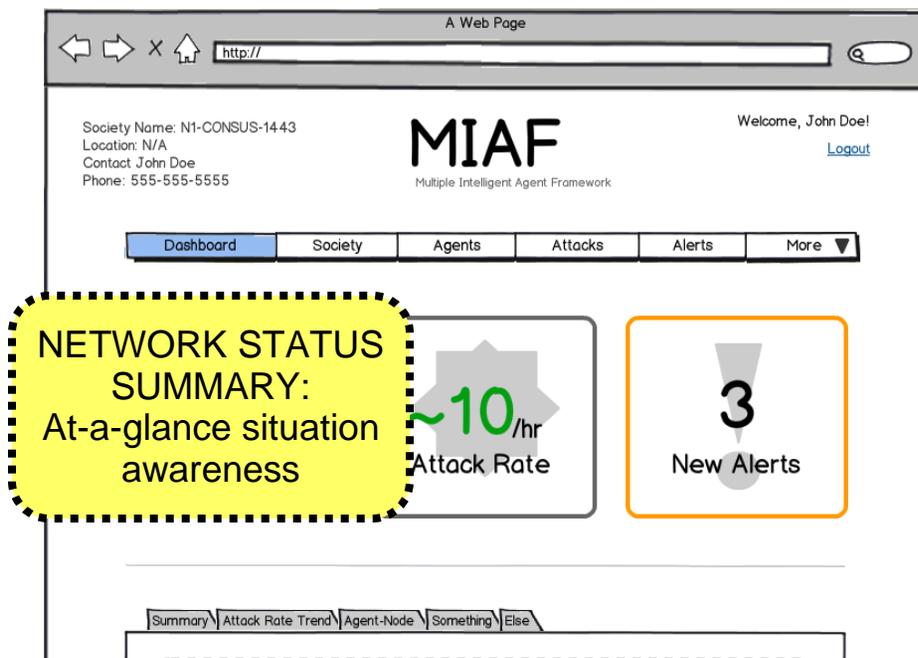


# Cyber Defense: Multi-Intelligent Agent Framework



Ongoing MIAF SBIR Phase II Contract W15P7T11CA642 – Sponsor = Army CERDEC

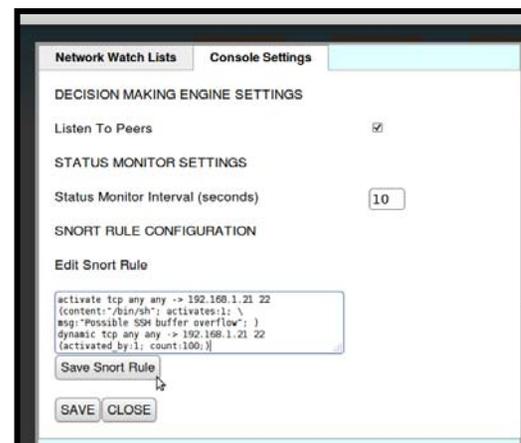
# Multi-Intelligent Agent Framework (MIAF) Enhanced Analyst Console



Summary | Attack Rate Trend | Agent-Node | Something | Else

**VISUALIZATION with MULTIPLE DASHBOARDS**

**VISUALIZED GEO-LOCATIONS**  
Locating attacking hosts



**Direct Intrusion Detection System (IDS) CONTROLS**

# Metronome: Other Capabilities

- App Store hosts apps and users' feedback:
  - PKI Protection
  - App Vetting through Automated Static and Dynamic Code Analyzers
  - Downloadable signed apps and app kits
- App Development for Multiple Mobile Platforms (Android, iOS) using *Single Code Base*

**LARGE-SCALE DATA WAREHOUSING  
and DATA MINING  
IRAD**

## “Empowering the Warfighter” App Store

**STRUCTURED, ANNOTATED QUERYING  
and KNOWLEDGE RETRIEVAL  
IRAD**



## Secure Mobile Platform (SecMP)

# Thank You for Attending

## CONTACT INFORMATION

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