

ENVIUS 2026 — DRAFT AGENDA

WEDNESDAY, OCTOBER 28 — DAY ONE

Start	End	Session
TOPIC AREA 1 Welcome, Strategic Context & the NV5–NGA Partnership		
7:00	8:00	Check-in
8:00	8:10	Security Brief
8:10	8:25	"Welcome to ENVIUS: Operationalizing the NV5–NGA Partnership"
8:25	9:05	"Keynote: The Tradecraft Imperative — NGA's Vision for Mission-Ready GEOINT at Speed"
9:05	9:20	The Value of the NV5–NGA CRADA
9:20	9:50	Scaling GEOINT Tradecraft: NV5–USMC Training Courses
9:50	10:10	Break
TOPIC AREA 2 Advanced Spectral & AI Science: New Tradecraft for the Mission		
10:10	10:30	Detecting Critical & Rare Earth Elements with ENVI Spectral Workflows
10:30	10:50	NV5 GeoAI: Platform Overview
10:50	11:10	"Army Geospatial Science: Research Priorities for the Next-Gen GEOINT Mission"
11:10	11:30	Mining Earth-Imagery Archives for Space Object Spectral Signatures
11:30	11:50	From Spectral Science to Production: NASIC Analytic Products
11:50	12:50	Lunch & Live Demo Floor: AI in Action

		AI Demos — ENVI Agents
		Demos — SAR Essentials, Motion Imagery Support, ENVI 6.3 Line of Sight (previewing Topic Area 3)
TOPIC AREA 3 ENVI Platform Deep Dive: SAR, New Capabilities & the Intelligence Lifecycle		
12:50	13:10	ENVI Ecosystem Update: What's New, What's Next
13:10	14:30	ENVI SAR Solutions: Commercial & Government Data at Scale
		Panel: ENVI Across the Intelligence Lifecycle
14:10	14:30	
14:30	14:50	Break
TOPIC AREA 4 AI at Mission Speed: GeoAI, Automation & Lessons from the Battlefield		
14:50	15:10	GeoAI at NGA: From Pilot to Practice
15:10	15:40	GeoAI in Hybrid Environments: GeoAgent Applications
15:40	16:00	Battle Cadence and Geospatial Dominance: Commercial Outcomes from the Ukraine War
16:00	16:20	Automating Tip-and-Cue: Tools for Detection-to-Processing Workflows
16:20	16:30	"Day One Debrief: Connecting Today's Tradecraft to the Defense & Intelligence Mission"
		No-Host Social (location TBA)

THURSDAY, OCTOBER 29 — DAY TWO

Building directly on Day One's ENVI / SAR / GeoAI foundation — every commercial dataset featured today is framed around a named NGA mission need, not a vendor pitch.

Start	End	Session
TOPIC AREA 5 Opening Bridge: From ENVI Platform to Mission-Ready Commercial Data		
9:00	9:10	From Day One to Day Two: Framing Commercial Imagery Around NGA Mission Gaps
TOPIC AREA 6 Closing the All-Weather, Persistent Observation Gap (Commercial SAR)		
9:10	9:26	Persistent X-band SAR Revisit for Denied-Area Monitoring, High-Resolution SAR Tasking for Time-Critical Targets
9:26	9:34	Rapid-Revisit SAR Constellations for Persistent Watch
9:34	9:50	Key Questions and Open Forum: Where Commercial SAR Closes NGA Collection Gaps
9:50	10:00	Break
TOPIC AREA 7 Expanding the Spectral Toolkit for Mission Analytics (Multispectral & Hyperspectral EO)		
10:00	10:07	Daily Global Monitoring for Baseline & Change Detection
10:07	10:14	Hyperspectral Material Identification from Orbit
10:14	10:21	Hyperspectral Anomaly Detection for Infrastructure Monitoring
10:21	10:28	Sub-Meter Optical Imagery for High-Confidence Confirmation
10:28	10:35	Multi-Domain Sensing in Support of Mission Analytics
10:35	10:45	Key Questions and Open Forum: Matching Spectral Capability to NGA Analytic Priorities
TOPIC AREA 8 Filling Detection & Activity-Based Intelligence Gaps (RF, Thermal & Environmental)		

10:45	10:57	Maritime RF Detection for Dark-Vessel Tracking, RF Geolocation for Non-Cooperative Target Detection
10:57	11:03	Global RF & AIS Data for Maritime Domain Awareness
11:03	11:09	Thermal Intelligence for Water & Resource Stress Monitoring
11:09	11:15	Purpose-Built Constellations for Mission-Specific Collection
11:15	11:30	Key Questions and Open Forum: From Detection to Cueing — Closing the Loop with ENVI
TOPIC AREA 9 Closing Synthesis: What NGA Needs From Commercial Data Next		
11:30	11:55	Panel: Prioritizing Commercial Capability Against NGA Mission Gaps
11:55	12:00	"Closing Remarks: From Commercial Capability to Defense & Intelligence Advantage"