



AI Studio Demonstration



May 20, 2026
EPRI Open Power AI Consortium Meeting

Learn more & trial at:



GRIDVISION®



THE LEADERS IN CRITICAL GRID INTELLIGENCE



eSmart Systems is the market-leading provider of **critical grid asset intelligence** with AI-powered virtual inspections and asset data management through **Grid Vision®**.



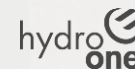
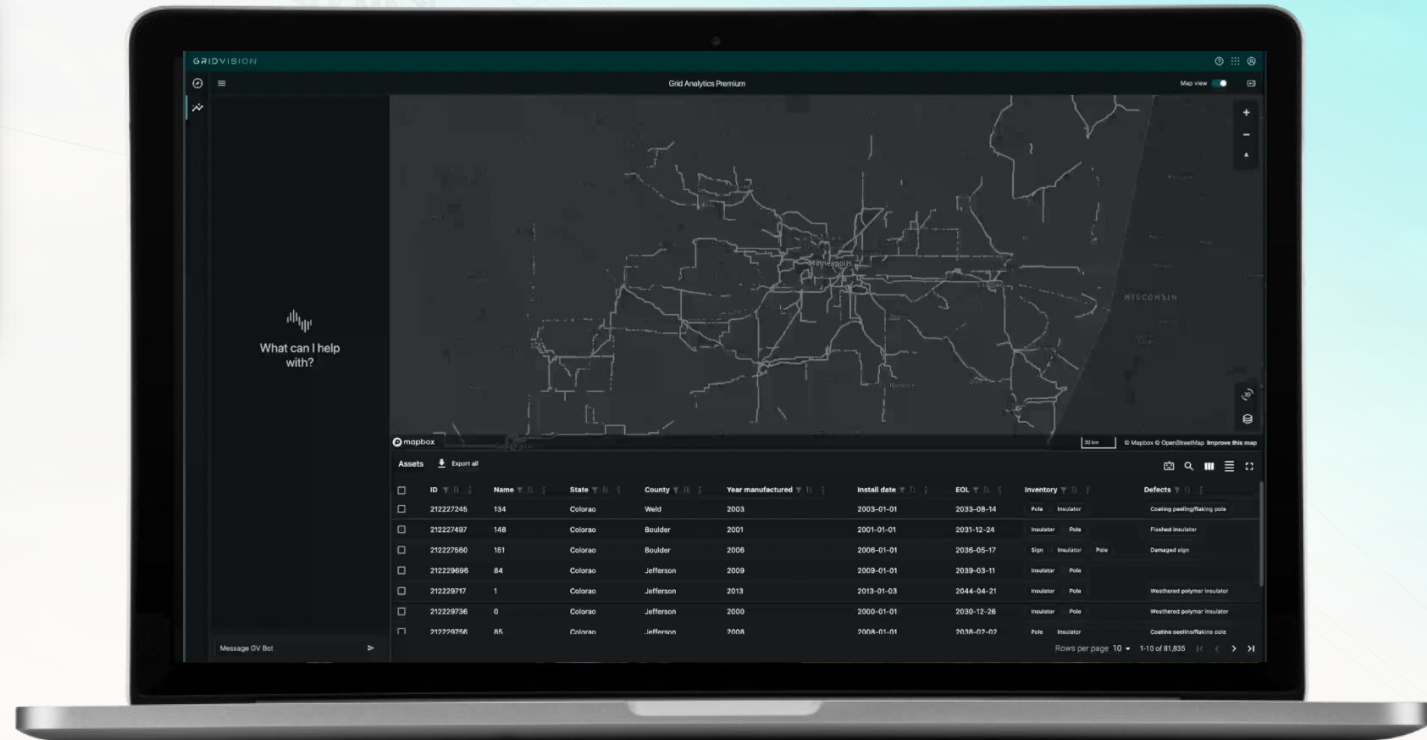
75+ utilities
using Grid Vision®



500K+ miles
T&D assets digitalized



20+ years
in the business





Introducing eSmart System's AI Studio

A full-stack AI environment combining pre-built models, adaptive model generation, and visual workflow deployment - fast, flexible, and built for real-world infrastructure.



Accelerate computer vision model development with three integrated capabilities:



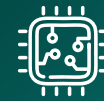
Model Builder

- Create new models in minutes from a handful of example images
- No labeling, no ML pipeline. **No retraining.**
- Patent-pending Adaptive AI – built from few-shot learning & use of foundation models
- Real-time adaptation to customer definitions



Model Garden

- Production-ready detectors, classifiers, and pipelines
- Access to a suite of Models built on millions of power utility images
- Let your Agents work directly with our Adaptive AI. Also accessible via API.
- Continuously refined from real-world use



Pipeline Builder

- Visual drag-and-drop editor
- Chain models into end-to-end workflows
- Instant testing + API deployment
- Clear input/output transparency for audits and compliance

99%

accuracy across
every benchmark

Designed for:



Utilities

Personalize AI to own asset definitions & accelerate inspection, reliability, & wildfire-risk programs.



Technology
Companies

Unlock rapid creation of custom models that give inspection, visual insights, and SaaS platforms a competitive edge.

AI Studio and Grid Vision – Better Together



AI Studio for rapid model creation and deployment. Grid Vision for enterprise inspection intelligence.

Grid Vision

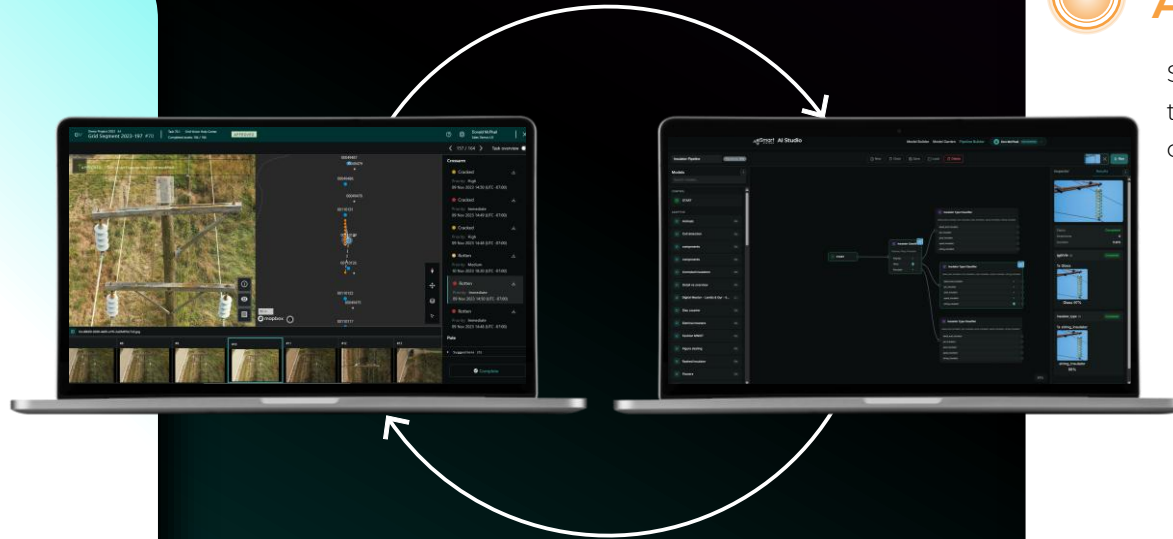
Enterprise inspection management platform. Wraps AI Studio's intelligence in the governance and analytics utilities need at scale.

- **GV Inspect** — End-to-end inspection lifecycle, QA, and collaborative AI review in a purpose-built UI.
- **GV Insight** — Asset intelligence, risk prioritization, trend analysis, and cross-department dashboards.
- **Enterprise-grade** — Audit trails, SLAs, multi-environment, and full API integration. Built for production at scale.

AI Studio

Self-service AI development environment. Any team can build, tune, and deploy custom computer vision models without an ML team.

- **Model Builder** — Create detectors & classifiers in minutes using Adaptive AI. No labeling, zero retraining. ~99% accuracy.
- **Model Garden** — Access production-ready models built on a decade of experience.
- **Pipeline Builder** — Chain models into multi-step workflows visually.
- **Agent-ready by design** — Every model and pipeline exposes an API endpoint for direct agent consumption.



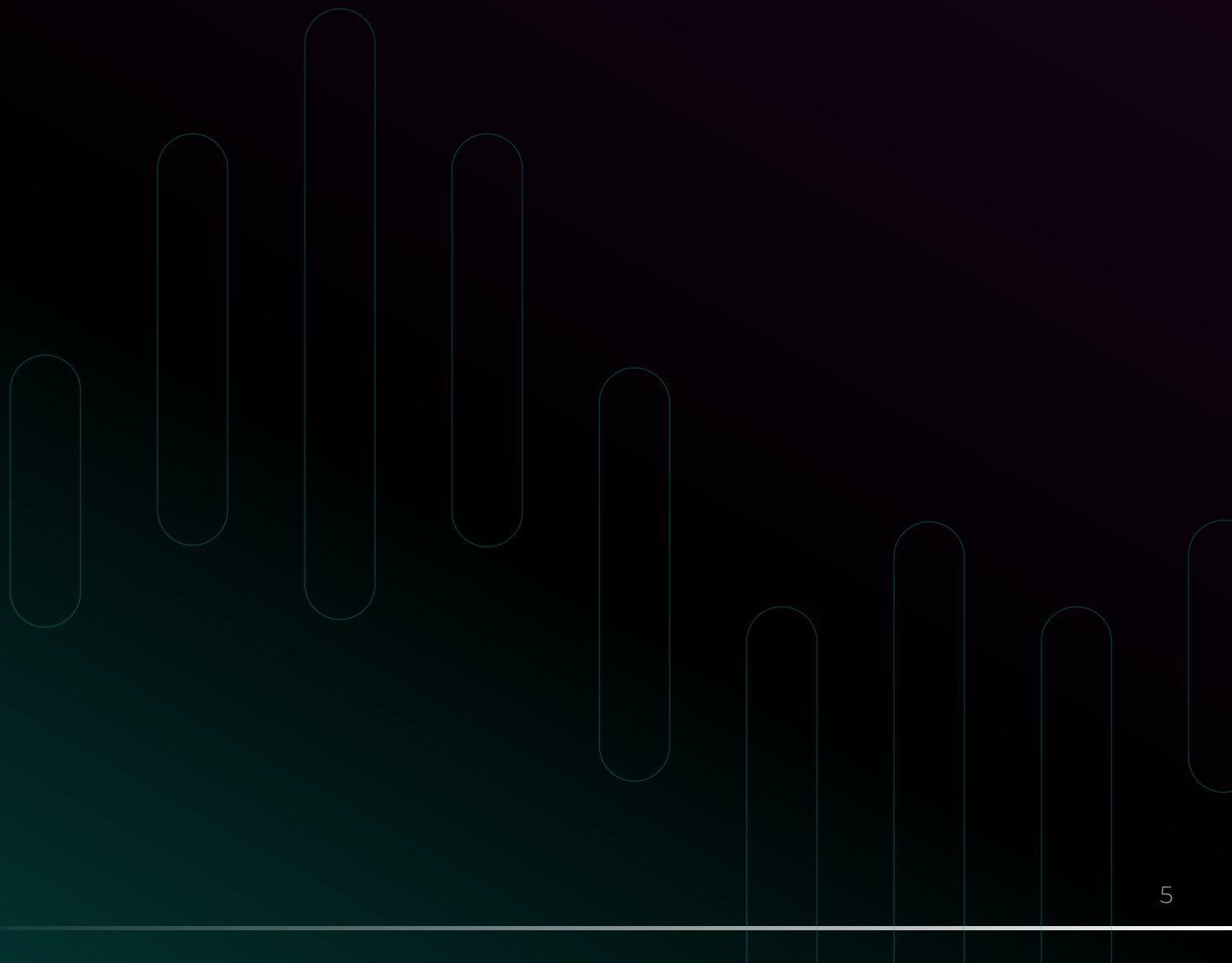
Prove value with your data on AI Studio.



Grid Vision scales AI Studio into governed enterprise workflows.



Models carry forward from AI Studio into Grid Vision – no rework.



WWT + EPRI: Execution for the Intelligent Grid

Turning AI Research into Operational Reality for Electric Utilities

May 2026 | World Wide Technology + EPRI

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World Wide Technology is a global IT solution provider, solving the business and technology challenges of enterprises for more than 35 years.



Sustainable growth

\$25 billion

Annual revenue,
\$6.6b International, \$1.1b Services

Privately held

13,000+

Team members globally



Energy & Utilities Depth

Trusted by 40+

Major Utility Organizations

Supporting ~80%

Of the U.S. electricity market

Deep expertise across grid operations, AI, telecom, cybersecurity, IT, and OT modernization



Global partner ecosystem

#1 partner to



And many more

200+

Partner network

130 countries

Leveraging WWT solutions



Proven Lab and Execution Environments

Advanced Technology Center (ATC)

Enterprise-scale infrastructure validation and testing

AI Proving Ground (AIPG)

Governed, repeatable AI patterns for production

WWT Industry Solutions Experience (WISE)

AI demonstration in realistic grid-edge conditions



The Grid Is Entering a New Operating Rhythm

The pace of load, decisions, and system complexity is accelerating

~25%

Projected load
growth by 2035

2×

Capital spend
increase next decade

50 GW+

New data center
capacity needed

3×

Interconnect queue
growth since 2016

- Load patterns are becoming less predictable — driven by EVs, data centers, and distributed generation.
- Decision windows are compressing — operators face more complex choices in tighter timeframes.*
- System inter-dependencies are multiplying — IT, OT, and edge are converging faster than governance can follow.*

Bridging Research Excellence to Real-World Deployment

EPRI members can validate breakthrough research and solutions — scaling them to every utility is the next frontier

Safety & Reliability Constraints

Integrating AI into live grid environments requires careful, staged validation — every change carries operational responsibility.

IT/OT Data Integration

Connecting operational and information systems is complex, time-consuming, and unique to every utility.

Trusted Testing Environment

Moving validated research into live grid environments requires purpose-built testing infrastructure that mirrors operational conditions.

Repeatability Gap

Even successful pilots require intentional architecture to scale — reusability must be designed in from the start.

WWT's vision: Accelerate the path from EPRI's research excellence to production-ready utility deployment

The Execution Model

How WWT is positioned to turn EPRI research into production-ready utility outcomes

WWT's Research Infrastructure: Built for EPRI's Mission

A closed-loop environment that moves AI from research concept to grid-ready deployment

Advanced Technology Center (ATC)

Foundation Layer

Validates enterprise-scale infrastructure, networking, security, and platform architectures before any AI workload runs. De-risks the foundational systems that utility AI depends on.

AI Proving Ground (AIPG)

Intelligence Layer

Transforms EPRI research into governed, repeatable intelligence patterns. Validates data readiness, monitors AI pipelines for reliability, and ensures models are explainable and cost-efficient.

WISE — WWT Industry Solution Experience

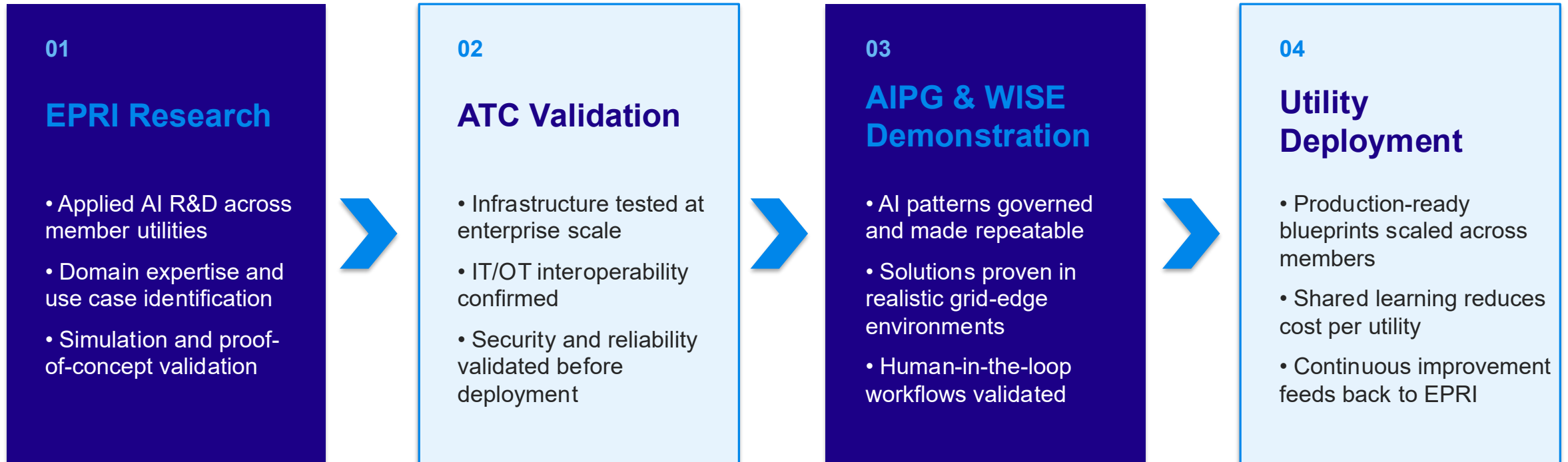
Edge Execution Layer

Demonstrates AI solutions in realistic, industry-specific grid edge environments. Accounts for latency, OT constraints, and human-in-the-loop decision making before any member deploys to production. Investments in Itron, SEL and others

Closed-loop model: EPRI research → ATC validation → AIPG governance → WISE edge showcase → Deployment

How Research Becomes Operational Reality

EPRI's research excellence, accelerated to production by WWT's execution infrastructure



WWT's execution infrastructure turns EPRI research excellence into repeatable, production-grade utility deployment

PUBLIC

PUBLIC



Proof in Practice

The AMI Use Case Sandbox — where partnerships are ready to produce results

An AMI Use Case Sandbox: One example of where Research would meet Execution

A live, working example of how the WWT + EPRI partnership would look like in action

What the Sandbox Is

- Controlled, collaborative environment for WWT + EPRI joint innovation
- The AMI spans IT and OT — generating rich, realistic data for applied AI research
- Safe to test AI analytics and decision support without touching production
- A contained environment that replicates the data complexity that utilities face at the grid edge

Why this Matters for EPRI Members

- Members get experiential validation of the research reports
- Reduces the deployment risk before committing to production infrastructure
- Creating repeatable blueprints that are extensible to other use cases
- Shared findings accelerate learning across the entire EPRI member community strengthening the solution base

The AMI sandbox is not a demo — it is the blueprint for how we extend AI use cases across every EPRI member.

What Comes Next

A joint research roadmap — extending the blueprint to the next wave of utility AI

Why World Wide Technology

Four reasons the partnership works — grounded in what utilities actually need

Neutral Execution Partner

WWT is technology-agnostic. We integrate the best solutions for EPRI members — not the ones that benefit WWT commercially. That neutrality is essential in a research context.

Proven at Utility Scale

Our AI Proving Ground, Advanced Technology Center, and WISE environment aren't conceptual — they are production infrastructure operating today, built for the rigors of critical systems.

Advisory-Led, Architecture-Driven

Every engagement starts with business and research outcomes, not product features. We design for production deployment from day one — not impressive demos that don't scale.

Long-Term Operating Partner

We don't leave after implementation. We operate, optimize, and evolve AI systems alongside utilities and EPRI — owning the lifecycle together.

Let's Build the Intelligent Grid Together

AI research excellence + execution infrastructure = real-world impact for utilities

Make a new world happen

Connect with us on the WWT Platform
<https://www.wwt.com/industry/utilities>

