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cisco Partner Gold Provider

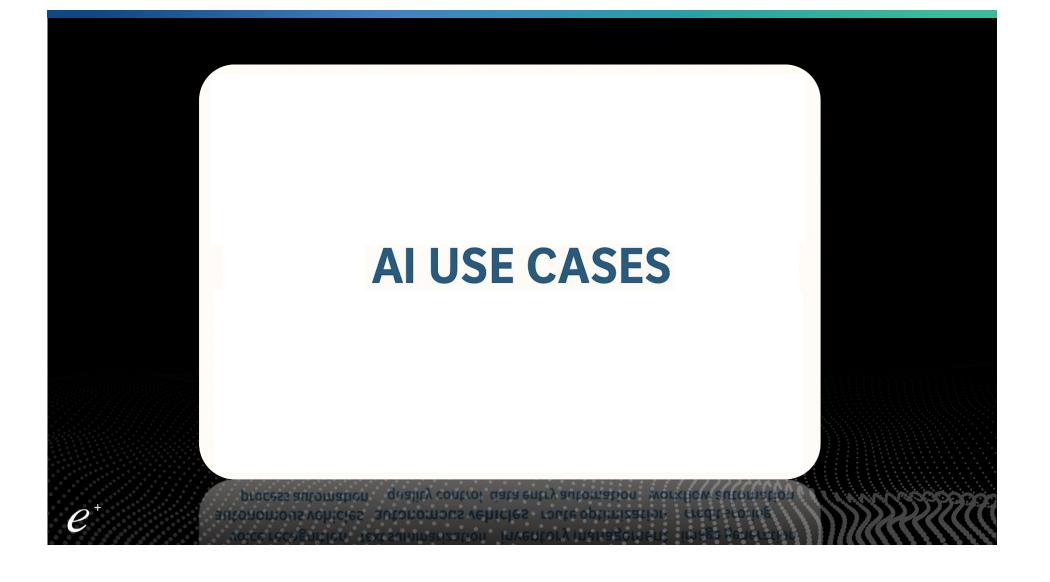
# The Al Journey for Service Delivery

Jon Brown | ePlus Manager of Pre-Sales Engineering May 22, 2025

predictive analytics language translation sales forecasting price optimization fraud detection conversational AI AlOps knowledge management scifi-ran real-one recommendations nedial summarization cybersecurity cybersecurity personalization anomaly detection Virtual assistants document automation network security voice recognition churn prediction demand forecasting image recognition autonomous vehicles uality control equipment process automation demand prediction Image classification video analysis pattern recognition pattern recognition financial analysis chatbots financial analysis risk assessment financial analysis AI USE CASES image generation autotomomous nedical imaging voice genimization equipment maintenance robotic process automation workflow autonomous vehicles quality control image generation chatbots automation process automation process automation quality control reoubotic automation quality control reporting equipment maintenance telecoms video analysis image classification wideo analysis pattern recognition financial analyse data virtual assistants optimizing analysts financial analysis risk assessment entry voice recognition text summarization inventory management image generation autonomous vehicles autonomous vehicles route optimization credit scoring process automation guality control data entry automation workfiow automation

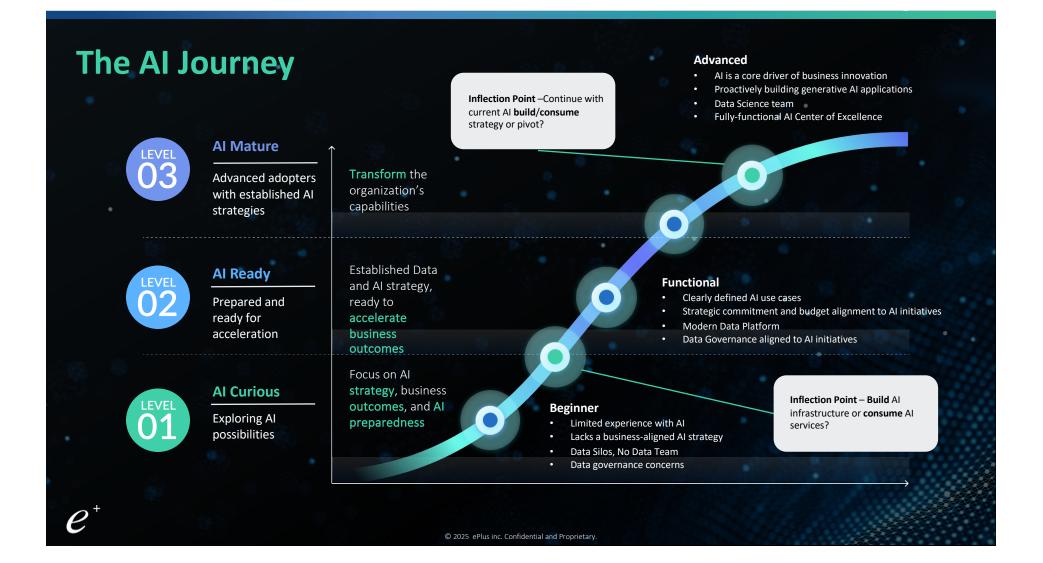
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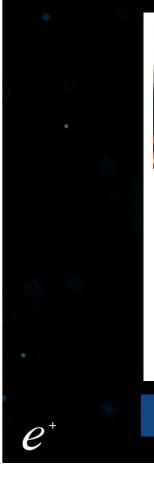


#### Gartner Predicts: INSIGHTS **FROM THE 2025** " Generative Al Projects will be abandoned after proof of concept by end of 2025." **EPLUS AI READINESS SURVEY** NAVIGATING **GEN AI: ADOPTION ROADBLOCKS A NEW FRONTIER** IT leaders face increasing challenges, with skills gaps (41.8%), **OF OPPORTUNITY** cost (38.8%), and security (35.8%) coming out on top. **AND CHALLENGES** How Do You 41.8% Set Up Your **AI Initiatives** <sup>©</sup> 38.8% for Success? A resounding 74.8% of respondents plan to implement GenAl within the next 5% year, demonstrating the technology's significant impact and perceived value. $\theta \theta \theta \theta$ $e^{\cdot}$

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# **AI Project Trends**





**PRODUCTIVITY** AI Copilots Chatbots **CSR** Tools



**IT EFFICIENCY** AlOps / SecOps Automation **NOC Assistant** 



**BUSINESS SPECIFIC New Revenue Streams Customer Experience** Differentiation

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**AI Security Policy and Governance** 

# **The Blueprint for Al**



#### Large Language Models – LLMs The Neural Core (Al Brain)

Enables systems to understand and reason Continually trained on vast datasets Serve as "Core Intelligence Layer" Trained and Fine tuned (Domain Specific)



#### AIOps / SecOps- Machine Intelligence AI Left Brain

Ingests and analyzes massive telemetry Predicts failures and automates remediation Driven by unsupervised and semi-supervised learning models



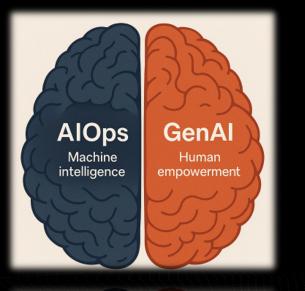
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### Generative AI – Human Empowerment

Al Right Brain

Deeply Human Facing (ChatGPT-Like) Creates Content – Based on Human Prompts Makes Complex systems more accessible through Natural Language

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# **Real Challenges. Real Providers. Real AI Solutions**

#### **Network Operations**

Predict, Prevent, Optimize (Reactive) Predictive Maintenance – CMTS Scripting Assistance Minimize Log Noise Tribal Knowledgebase – Legacy Issues Standardizing Configurations Natural Language Query – NetBox - Slack PCAP Analysis Post Mortem Reporting

### **Field Technician Support**

**Faster Resolution / Decrease Truck Rolls** Step-by-Step Guided Resolutions Al Powered Dispatch Faster Ticket Closure – Birth Certificates Computer Vision – Port Assignments



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### **Security / Threat Detection**

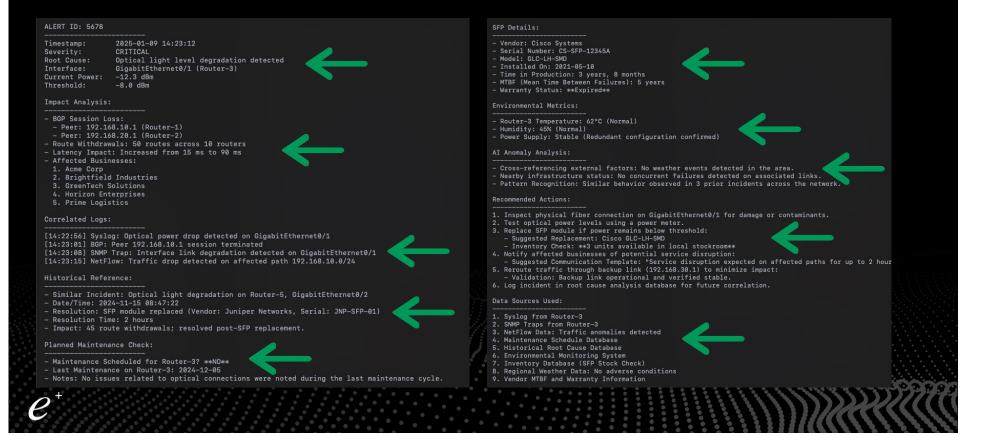
Reactive Defense to Proactive Protection Al-Powered Threat Detection Automated Irregularities Analysis Real-time translation- Human Readable Faster Breach Response Threat Hunting and Remediation LLM Penetration Testing

### **Customer Service**

Enhance Customer Success Chatbots and 24x7 Virtual Agents

Multilingual Virtual Agents Summarization Customer Tickets Proactive Notifications – Outages - Billing

### **Operational Intelligence Meets Generative Insight**



# **From Hesitation to Action**

#### **Cost and Complexity**



Entry Point Cost

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- Limited Internal Al Expertise
- Vendor / Tool Sprawl
- Integration with legacy systems

#### Data Readiness



Data Silos

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- **Outdated** Data
- Data Privacy Concerns
- Inconsistent Data Formats

### Security and Compliance Risks



- Fear of Misuse
- Shadow IT
- Unvetted AI Tools
- Threat of New Attack
   Surfaces

### **Cultural Uncertainty**



- Fear of replacing human roles
- Loss of Decision Control
- Trust in Al Systems
- Lack of AI Literacy

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# The Path to Proof of Concept (POC)

Helping clients evolve from AI Curious to AI Ready

**AI ENVISIONING** 

Develop AI strategy | Explore industry examples | Identify focus use cases

USE CASE DEVELOPMENT

**DATA STRATEGY** 

Fully explore 2-3 top use cases | Align with business objectives | Identify in-scope/ out-of-scope items

AI POLICY ANDEthical and regulatory AI considerations | Data governanceGOVERNANCEgap analysis | AI policy creation | AI risk threat modeling

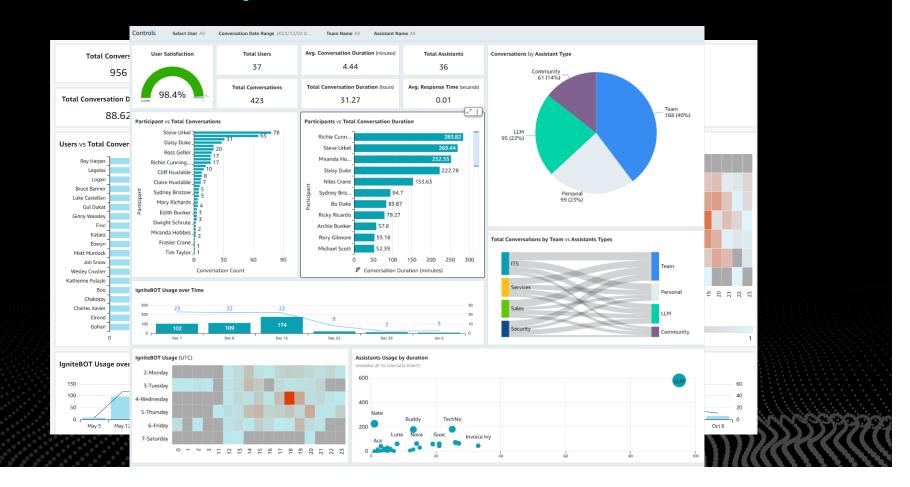
Data strategy assessment | Break down data silos | Modern data platform adoption

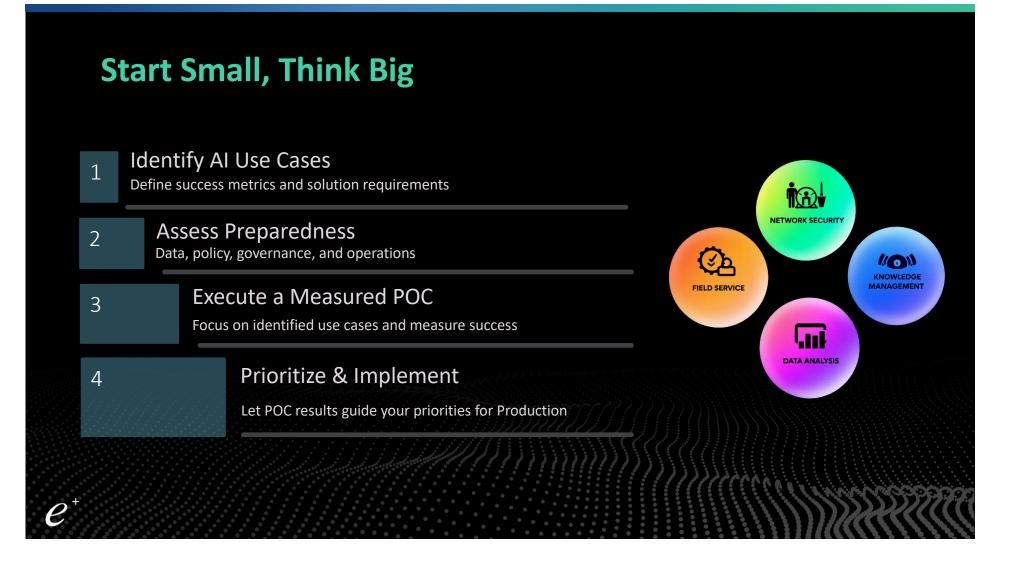
PROOF OF CONCEPT

POC platform selection and deployment | Measure and iterate | Report on success metrics

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# Metrics are the key to a successful POC









https://discover.eplus.com/partner/eplusaijourneyforbroadband25/