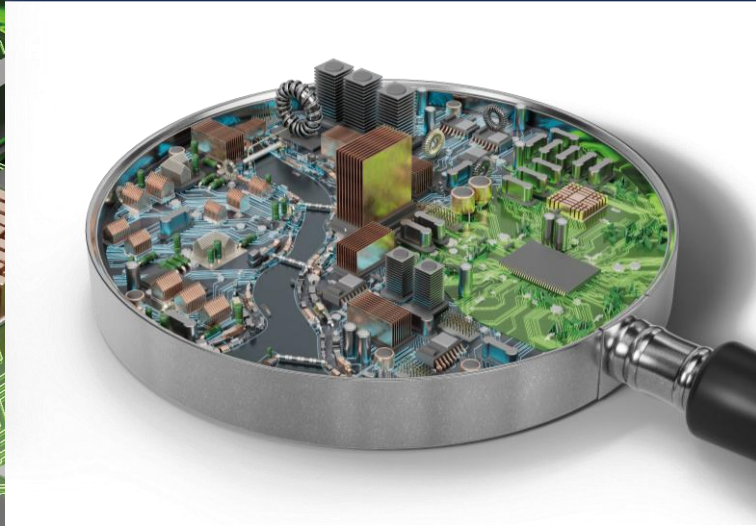
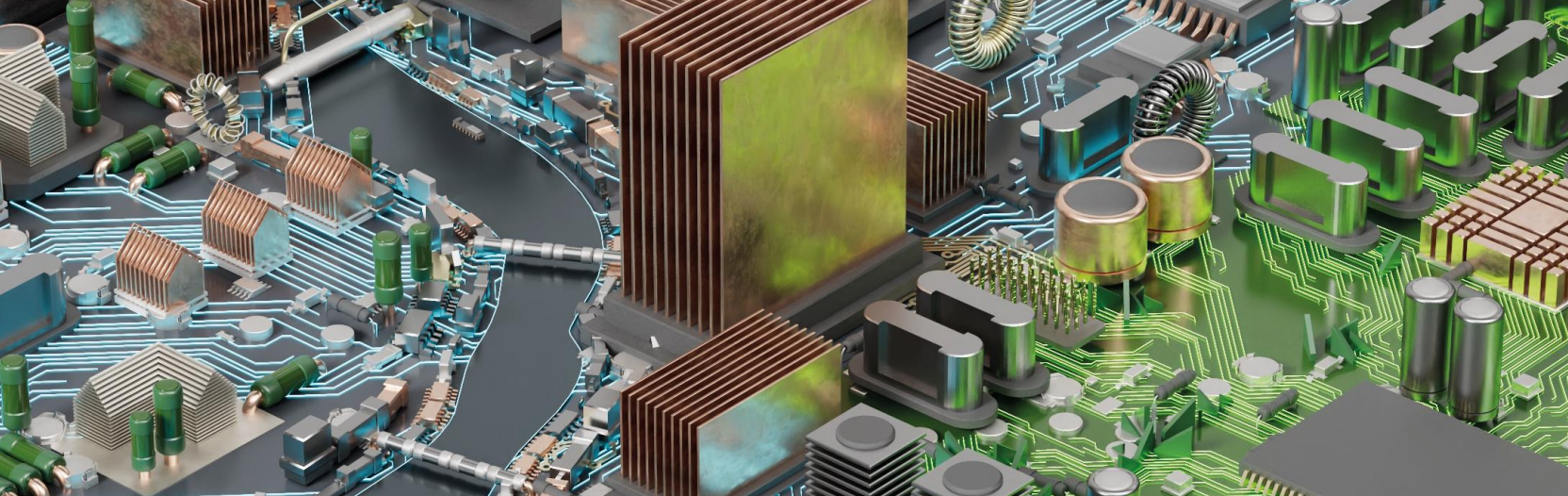




VisNet[®]

From EA Technology



Presentation

Driving Innovation for CP30 Outcomes

From network problem statements to real solutions



Energy Innovation Summit 2025

From Research Lab to Real-World Grid Change



Innovation with a Royal stamp— Designed & Built in the UK



- King's Awards for Enterprise (Innovation) 2024 — VisNet®
- Capenhurst HQ: design, engineering & manufacturing with global reach
- UK-based R&D-to-production pipeline—exporting solutions worldwide



Five-year flip: 2019 → 2024

2019

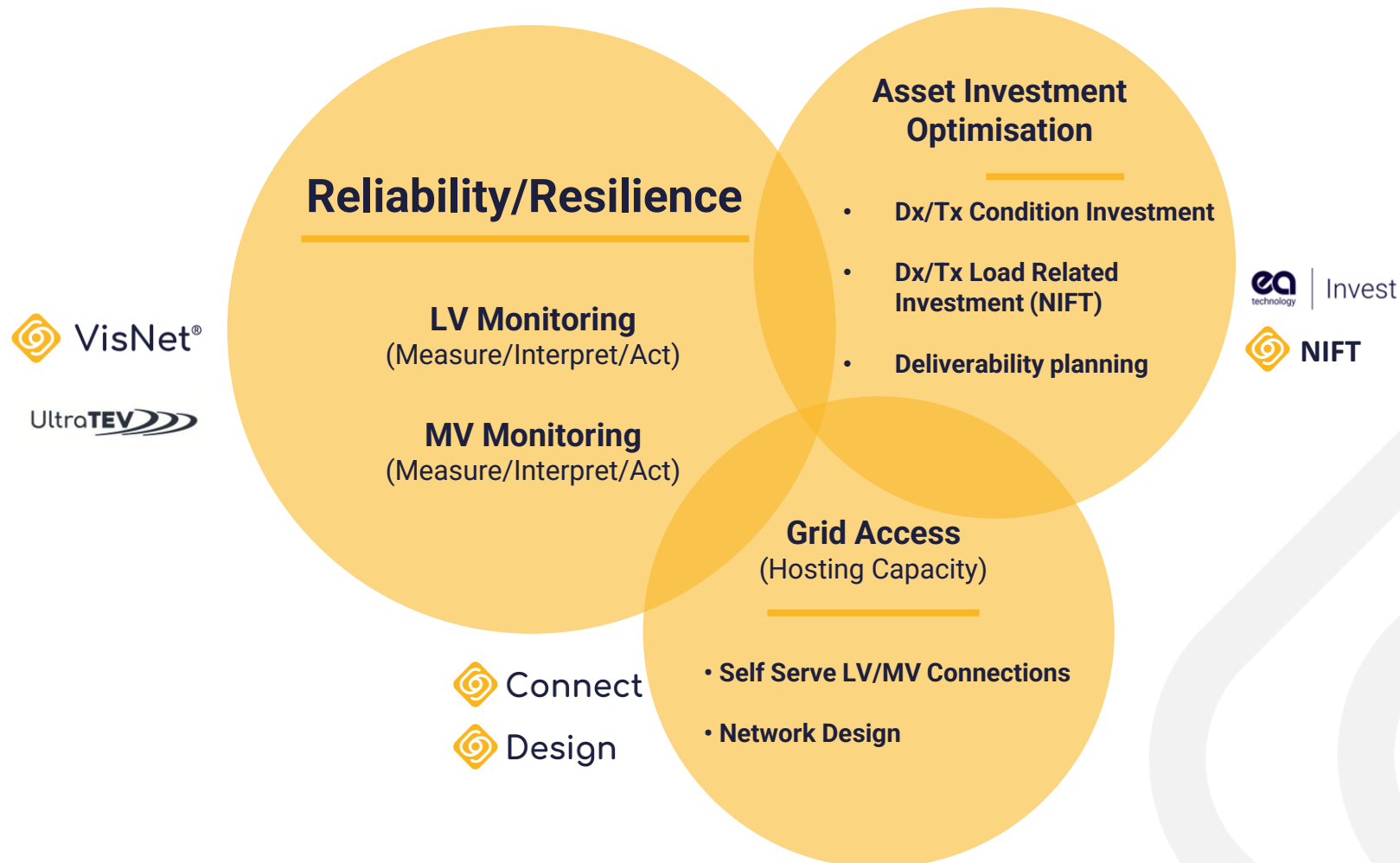
- LV monitoring was still a Future grid discussion
- Fault management was all reactive
- LV network designs and connections were mainly manual engineering tasks taking days and week
- Asset investment and scenario planning was a deep science and confusing to patch together

2024

- LV monitoring as BAU
- Proactive reliability response a real solution- seeing every non-damage fault before it happens. Pinpoint location accuracy; HV PD monitoring
- VisNet Design: fast, modern LV planning- 1000's scenarios in minutes
- VisNet Connect: self-serve; Connection quotes in minutes
- Invest & NIFT: Looking at Investment in 3 dimensions

How we support CP30 outcomes

How EA Technology is playing our part in supporting Networks with what is required for CP2030



Keeping the Power Flowing

- **LV: VisNet[®] (Hub, Guard, Apps) — pre-fault detection and faster fault location**
- **HV: UltraTEV[®] / Astute[®] — continuous PD monitoring and early warnings**
- **Outcome: Better reliability & resilience; fewer CIs/CMLs**

Reliability/Resilience

LV Monitoring
(Measure/Interpret/Act)

MV Monitoring
(Measure/Interpret/Act)

Automated Grid Access

Grid Access (Hosting Capacity)

- Self Serve LV/MV Connections
- Network Design

- **VisNet® Connect:** codified engineering rules enable self-serve applications
- Instant estimates and formal quotes in minutes—not weeks
- **VisNet® Design:** fast, accurate LV/MV design integrated with Connect
- **Outcome:** lower cost-to-serve, happier customers, faster LCT uptake

Optimising Asset Investments

Asset Investment Optimisation

- **Invest:** combines asset condition, load and deliverability in one model
 - **NIFT:** forecasts LCT growth and capacity needs across scenarios
 - **Outcome:** best and most deliverable plans—tracked from plan to outcome
- **Dx/Tx Condition Investment**
 - **Dx/Tx Load Related Investment (NIFT)**
 - **Deliverability planning**

The UK innovation engine — let's make the most of it

- World-leading stimulus: SIF, NIC/NIA ect
- Structured routes to prove, adopt and scale solutions
- Our advice: Think Big, Act Fast, Be Brave

Five years to go!

Avengers, Assemble

- **Avengers, Assemble!**
- **We have key pieces: The Answers are very likely in this room!**
- **Let's deliver CP30 TOGETHER**

Thank You



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