Utilities / Critical Infrastructure / Continuity

Coordinate lifelines, disruptions, restoration priorities, dependencies, mutual aid, resources, continuity and partner actions.

The operating problem

Critical-infrastructure disruptions create cascading consequences across utilities, transportation, communications, health, public safety, communities and businesses. Vanguard VEM provides a shared operational layer for authorized coordination and continuity work.

Who it supports

Utilities, infrastructure operators, continuity teams, emergency managers, public works, lifeline coordinators, mutual-aid partners and leadership.

Connected workflow

1 Select AOI / asset context	**2** Review assurance / dependencies	**3** Activate continuity plan	**4** Coordinate mutual aid / resources	**5** Track decisions / restoration actions	**6** Handoff, recover and improve

What users can do

- Track disruptions, restoration actions, dependencies and partner coordination.
- Manage resource requests and mutual-aid actions through a full lifecycle.
- Preserve decisions, shift handoffs and persistent meeting actions.
- Convert continuity and emergency plans into controlled operational workflows.

Designed for coordination and continuity; it does not replace SCADA, asset-control systems, engineering authority, regulated reporting or cybersecurity controls.

Recovery 35.6 - Connected operational

Vanguard VEM now goes beyond storing operational records. The system can surface work that needs attention and connect decisions, resources, meetings, qualifications, plans and handoffs to the same operational context.

Connected capability	Recovery 35.6 operating layer
Operational Assurance	Universal Needs Attention queue plus Executive / Command Brief from permission-visible records.
Decisions, Handoffs & Meetings	Structured decision logs, acknowledged shift/position handoffs, and meeting actions that persist until closed.
Resource Lifecycle & Readiness	Resource requests from request through closeout, plus credential/qualification evidence and readiness warnings.
Plan-to-Operation & Schedule	Activate approved plans into trackable actions; schedule routine, preparedness, training, exercise, recovery and incident meetings.
GIS/COP, Live Intelligence & ICS	Map-first COP, source-aware intelligence, position workspaces, standardized forms and automated incident documentation.
Instructions, Training & Sandbox	Affected guidance, training and practice paths are synchronized with the current build and support controlled user learning.

Operational Assurance examples

- Overdue assignments or unresolved high-priority items.
- Work without a documented owner or follow-up.
- Aging resource requests or incomplete resource closeout.
- Meeting actions that remain open after the meeting.
- Qualification/readiness warnings tied to assignments.
- Recurring corrective actions or unresolved recovery handoffs.

Built for controlled use

Operational Assurance is a decision-support and accountability layer. It links users back to source records and requires human validation. Credential Readiness reports documented evidence and warnings; it does not confer qualifications. Plan-to-Operation requires users to verify the approved source plan and activation authority before operational actions are generated.

Instructions, Training and Sandbox stay synchronized

When these program capabilities change, the affected Instructions, Training, Context Help, Demo Center, public/program overviews, brochures and business/quality materials are updated in the same release. Sandbox practice supports users before production use.