

Grid-ION

GRID INFORMATION ORCHESTRATION NAVIGATOR

A one-stop platform for business and information coordination across the emerging grid

Are your Business and IT teams trying to answer these same hard questions from different perspectives?

“What is causing the coordination issues we are experiencing?”

“Why is it important to solve these issues now?”

“Who needs what information, when, and in what format?”

“Which enterprise teams must coordinate to ensure a smooth program rollout?”

GRID-ION CAN HELP!

In a few guided clicks, turn your resource coordination design and architecting process from a messy, cross-functional conversation to a traceable, standards-aware specification pipeline: Business case in – technical handoff out, with validated machine-readable artifacts ready for review!

Automate your business goals for grid resource interconnection, program design, microgrid and grid service, and market integration use-cases

Move from concept to functional specification without needing deep technical expertise

Harmonize and streamline the terminology and documentation practices across your teams

HOW CAN GRID-ION HELP YOU?



Business User

For users shaping the why, the what, and the value of a grid program before detailed technical design begins.

- Mid-Level or Senior Executives
- Program Vice-Presidents
- Program Architects

How Grid-ION can help

Grid-ION produces a business scenario specification, candidate program definitions, and cross-functional planning notes.

This helps by giving enterprise teams a decision-ready frame they can align on before investment, regulatory, and delivery work begins.

- Build, validate, and export CIM-native data object profiles from graph-backed knowledge across formats such as LinkML, XSD, JSON, TTL + SHACL, OWL, and XMI, with audit scorecards
- Explore emerging grid coordination scenarios
- Leverage rich domain knowledge consolidated from IEC, EPRI, PNNL, ORNL, CIM User Group, and many other industry stakeholders

- Employ a shared language for resource coordination across business, data, operations, architecture, and compliance
- Bridge enterprise strategy and engineering execution in one linked session
- Make invisible grid-edge choreography visible through lifecycle views, semantic dependencies, and UML sequence flows



Technical User

For users translating a program specification into concrete artefacts such as coordination functions, information exchanges, data objects, implementation contract-friendly CIM schemas.

- System Engineers
- Information Architects
- Data Modelers
- Planning Engineers

How Grid-ION can help

Grid-ION produces technical walkthrough outputs including coordination logic, semantic exchanges, and implementation-oriented schema artefacts.

This helps by accelerating enterprise handoff from concept to engineering, integration planning, and standards-aligned delivery.

Grid-ION helps you keep pace with the evolving grid: from coordination issues to stakeholder alignment, from stakeholder alignment to technical design, and from technical design to standards-compliance-validated machine-readable outputs.

TO COLLABORATE, CONTACT US



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