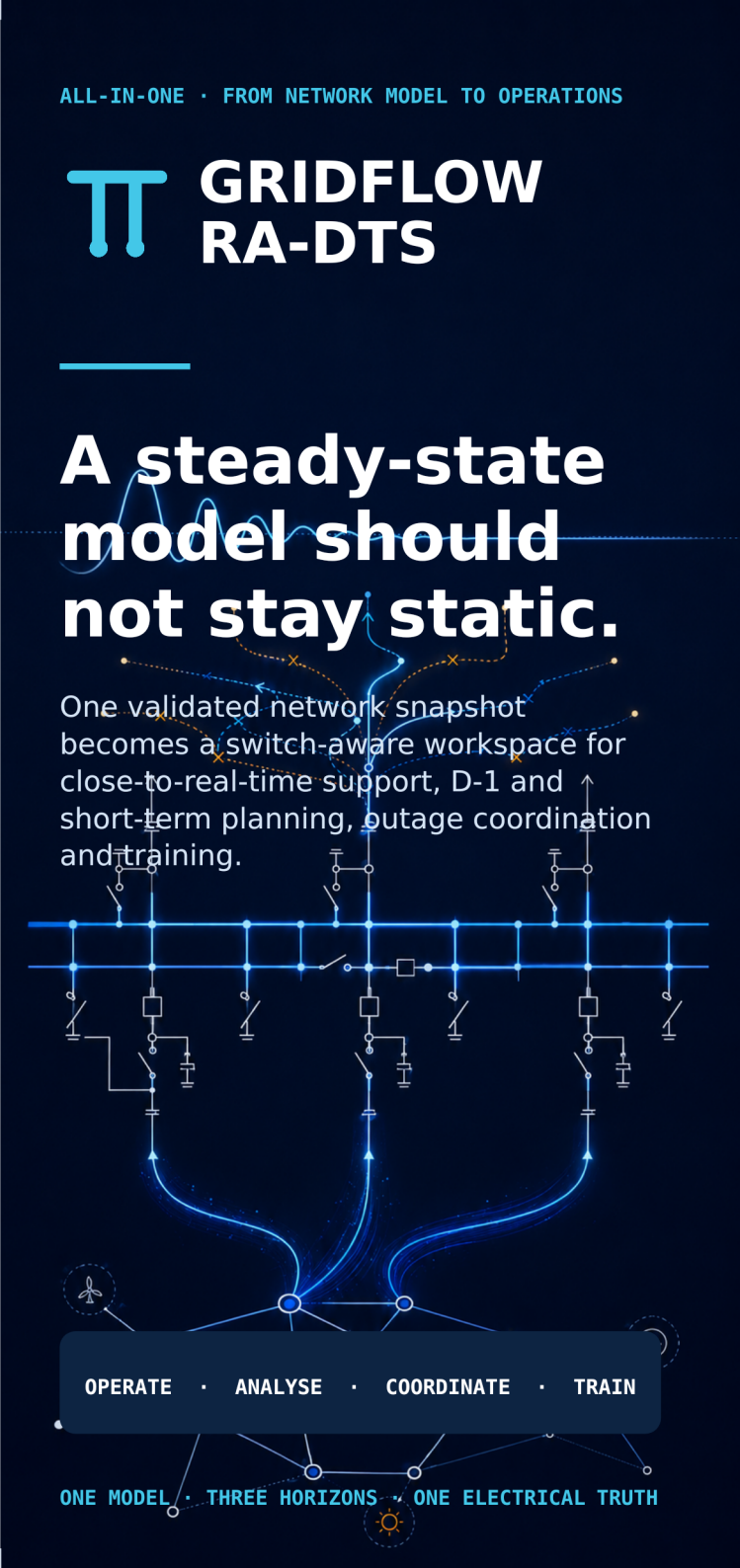
ALL-IN-ONE · FROM NETWORK MODEL TO OPERATIONS

GRIDFLOW RA-DTS

A steady-state model should not stay static.

One validated network snapshot becomes a switch-aware workspace for close-to-real-time support, D-1 and short-term planning, outage coordination and training.



OPERATE · ANALYSE · COORDINATE · TRAIN

ONE MODEL · THREE HORIZONS · ONE ELECTRICAL TRUTH

GRIDFLOW RA-DTS

Static input becomes operational intelligence.

One validated model chain carries the exact electrical state through every workflow.

01 **UCTE SNAPSHOT**
Import · inspect · edit · validate · export

02 **SWITCH-AWARE NETWORK**
Busbars · breakers · disconnectors · energisation

03 **SECURITY STUDIES**
AC/DC LF · N-1/N-X · PTDF/LODF · diagnostics

04 **VERIFIED REMEDIAL ACTION**
Topology · tap · redispatch · hybrid packages

05 **OPERATIONS, PLANNING & TRAINING**
Close-to-real-time support · D-1 studies · OPC · DTS

NEXT RELEASE · IN DEVELOPMENT

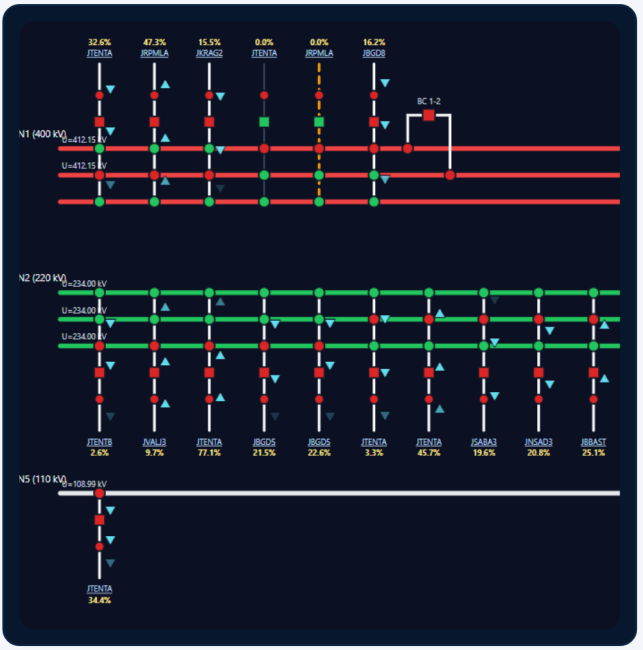
SIMPLE UCTE MODEL BUILDER FOR NON-EUROPEAN MARKETS

Creates analysis-ready UCTE files from substation, line, transformer, generator and connectivity data imported from CSV/XML or entered directly in the app.

GRIDFLOW RA-DTS

Every switch matters.

UCTE provides buses, branches and injections. GridFlow generates the switch-aware operational layer around them.



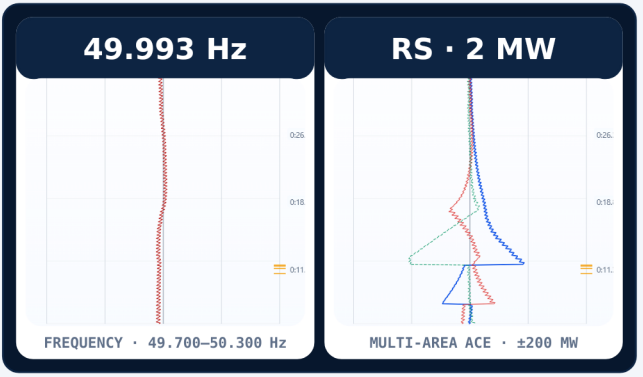
- Clickable CB, line DS and busbar DS
- Energised, isolated and unavailable states
- 400/220 kV overview, station drill-down and flow overlays

Switch devices. See what remains energised, and how the new topology changes every downstream study.

GRIDFLOW RA-DTS

A static model that behaves like a living system.

Purpose-built slow operational dynamics on the same network state, without a separate dynamic-model authoring project.



- Frequency, imbalance and primary response
- Area ACE/AGC, interchange and secondary regulation
- Inertia, damping, deadbands, ramps, limits and tuning

CONDITIONAL EVENT LOGIC

`IF A AND ( B OR C )`

TRIP · SWITCH · REDISPATCH · RESTORE · ESCALATE

Deterministic, conditional and cascading instructor events. Slow operational-dynamics emulation; not an EMT replacement.

GRIDFLOW RA-DTS

Find the risk.
Find the action.
Coordinate the plan.

GridFlow identifies the responsible state, searches bounded actions, validates the result and coordinates planned disconnections.

ASSESS

AC/DC load flow · N-1/N-X · PTDF/LODF · voltage and thermal checks · absolute severity separated from plan impact

ACT

Costly redispatch · non-costly topology · coordinated taps · hybrid packages · AC replay · collateral checks

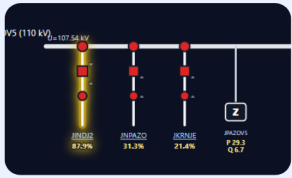
COORDINATE / OPC

Receives disconnection requests, builds periods of interest, compares Reference vs Planned BC and N-1, attributes impacts and recommends a feasible schedule for operator review.

POST-CONTINGENCY · 92.98%



FINAL AC REPLAY · 87.91%



TARGET 88% · TOPOLOGY + TAP + REDISPATCH · SECURITY OK

OUTAGE PLANNING COORDINATION

REQUESTS → PERIODS OF INTEREST → ANALYSIS → RECOMMENDED SCHEDULE

GRIDFLOW RA-DTS

See the grid. Test the risk. Find the action. Train the operator.

ALL IN ONE

ONE PLATFORM · THREE OPERATIONAL HORIZONS

OPERATE	Close-to-real-time network awareness and decision support
PLAN	D-1 studies, short-term security and outage coordination
TRAIN	Repeatable scenarios for dispatchers and analysts

One validated network state, deterministic calculations and traceable evidence across all three.

Bring one UCTE model. See how far it can go.

CONTACT

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PDF available on request