



Subscription package for power simulator and real time solutions

For sustained design
and operational success

Continuous **energy** intelligence

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The leading sustainable enterprise platform from design and engineering to operations and maintenance

What we do

- We provide market-leading software and hardware solutions serving all stages of the electrical system lifecycle for utilities, infrastructure, industries and buildings.
- Our offer enables a single source of truth for the entire electrical network through a multi-dimensional digital twin platform.

What makes us unique

- ETAP has the most comprehensive offer for ensuring electrical design and engineering consistency and seamless data flow across the project life cycle.
- We drive innovation to support sustainability, safety and resilience through continuous intelligence, with our model-driven electrical digital twin technology.
- Our wide geographical presence provides lightning-fast responsiveness in global, regional, and local markets.

Our commitments



Safety

ETAP prioritizes safety by allowing engineers to simulate and analyze electrical power systems, helping identify potential risks, and ensuring compliance with safety standards.



Sustainability

ETAP drives digital transformation for sustainability, supporting our customers in their energy transition, empowering them to make decisions for a green and smart future across the lifecycle.



Reliability

Elevate your electrical system's reliability to unprecedented levels with ETAP's advanced software solutions, ensuring optimal performance, proactive mitigation, and maximizing operational efficiency.



Resilience

ETAP strengthens resilience by equipping clients to adapt in real time, reduce downtime, manage risk, and maintain continuous operations under dynamic conditions.

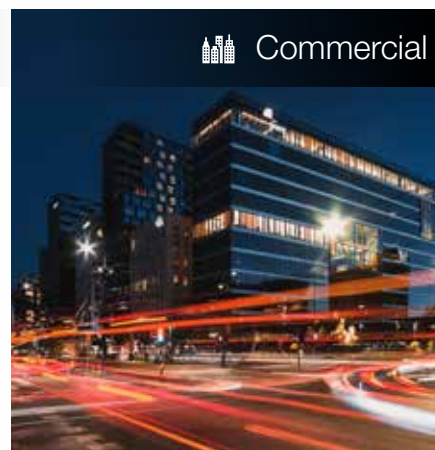
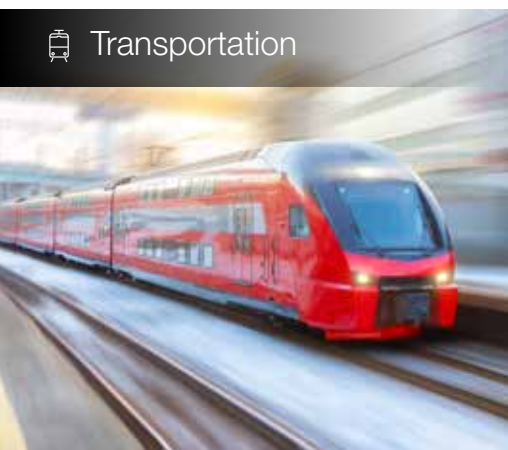
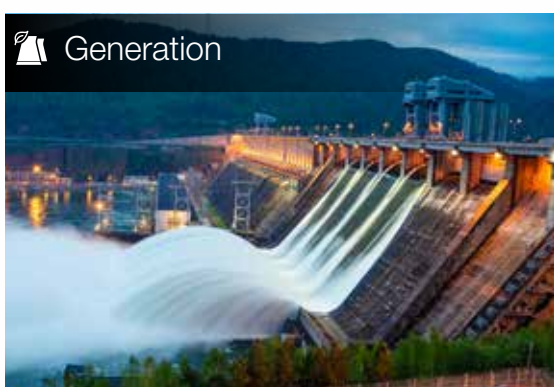


Efficiency

ETAP boosts efficiency by streamlining the design and analysis of electrical systems, reducing time and resource use through automation and collaborative tools.

Supporting a diverse range of business sectors

across the global energy landscape



Benefits of subscription-based licensing

Unlimited Buses

Model and analyze any size system – no limits, no extra cost – with full scalability

Regional Access

Provide your teams with simultaneous access from multiple locations within the same country or worldwide with built-in checkout

Bundled Configurations

Solutions that adapt to your evolving needs, ensuring cost-effective packages for sustained success

Availability

Immediate access to a full set of capabilities without the need to purchase separate modules

Software Updates Included

Incorporate best practices, stay up-to-date and future-ready with immediate access to latest improvements and innovation

Best in Class Technical Support

Leverage top notch technical assistance from specialized dedicated teams

Optimize Total Cost of Ownership

Predict and better manage your costs by accurately forecasting opex expenditures

Mobile Accessibility

Access to etapAPP to streamline field data collection and model verification without the requirement of a separate license

Digital Collaboration

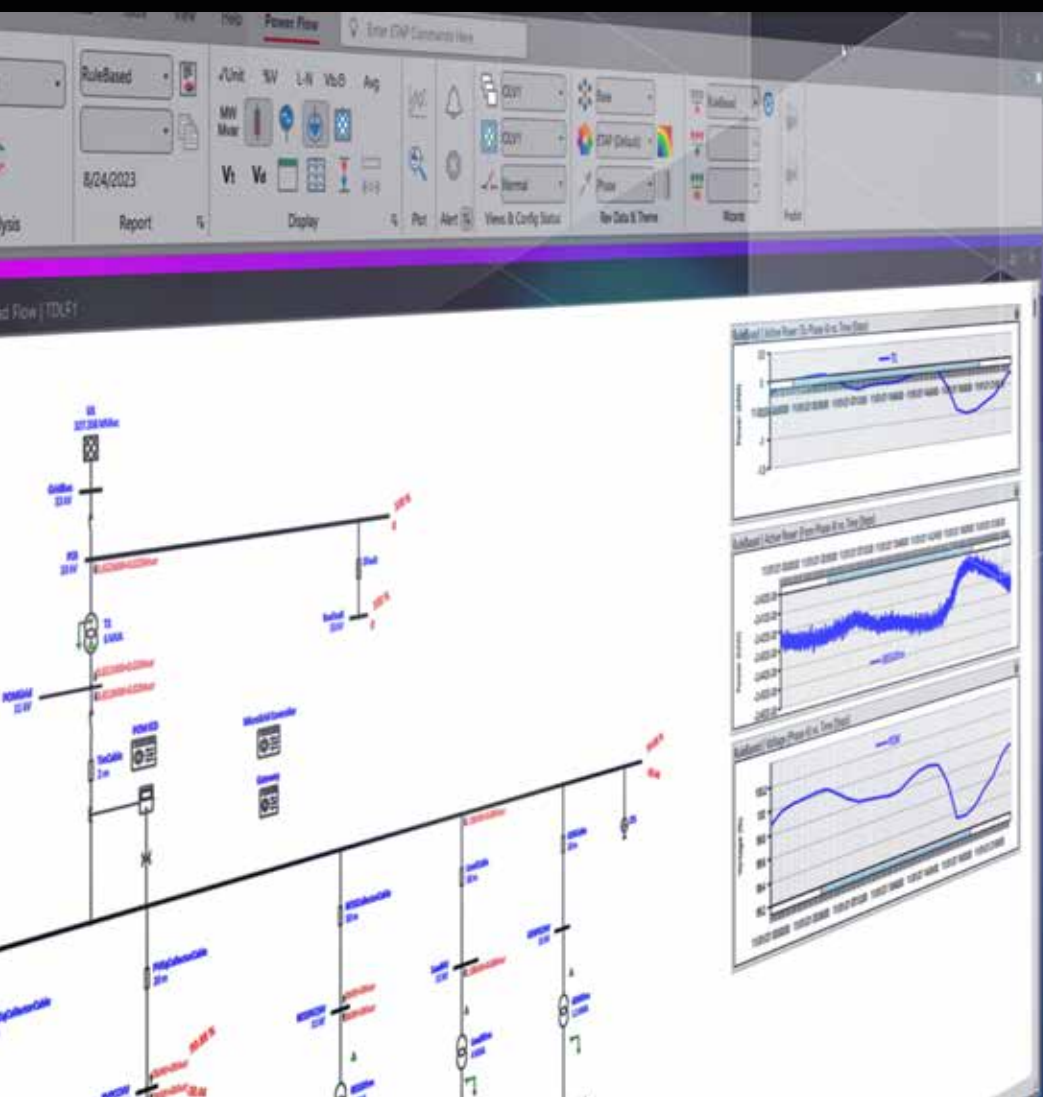
Global design and engineering teams can collaboratively work in parallel on the same project ensuring a single source of truth, thereby enhancing quality and increasing efficiency

Project Management

Platform for collaborative engineering using smart management solutions

Design

Subscription solutions for design, analysis and optimization



Power Simulator

Simplified design and analysis subscription packages for your unique requirements

Launch



Unlimited Buses & Devices
Network License - National

AI Autocomplete
3D Network Visualization
Load Flow
Short Circuit
Transformer Sizing
Transformer Tap Optimization
Panel Schedule
Cable Sizing
International Cable Standards

NetPM™
DataX AVEVA Engineering
DataX Excel
DataX Caneco BT
DataX Autodesk AutoCAD

Grow



Unlimited Buses & Devices
Network License - National

AI Autocomplete
3D Network Visualization
Load Flow
Short Circuit
Transformer Sizing
Transformer Tap Optimization
Panel Schedule
Cable Sizing
International Cable Standards

NetPM™
DataX AVEVA Engineering
DataX Excel
DataX Caneco BT
DataX Autodesk AutoCAD

DataX Autodesk Revit
STAR Protective Device
Coordination
STAR Sequence-of-Operation
STAR Auto - Automated
Evaluation

Scale



Unlimited Buses & Devices
Network License - National

AI Autocomplete
3D Network Visualization
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NetPM™
DataX AVEVA Engineering
DataX Excel
DataX Caneco BT
DataX Autodesk AutoCAD

DataX Autodesk Revit
STAR Protective Device
Coordination
STAR Sequence-of-Operation
STAR Auto - Automated
Evaluation

Motor Acceleration
MotorPro™
Motor Parameter Estimation
& Tuning
Harmonics
Interharmonics
FlickerMeter™
Line Ampacity
Line Sag & Tension

Add-ons for Power Simulator

Specialized options for unique requirements

Safety

Elevate safety through informed decision-making

ArcSafety

Arc Flash - IEEE 1584 & NFPA 70E
Arc Flash Auto Evaluation
ArcFaultTM - HV Arc Flash

Cable System

Cable Underground Thermal
Finite Element Method
Cable Electromagnetic Fields
Cable Pulling

Infrastructure Protection

Ground Grid System
Lightning Risk Assessment

DC Networks

DC Load Flow
DC Short Circuit
DC Arc Flash

Advanced Protection

StarZ™ - Distance Protection
COMTRADE Processor & Viewer

DataX ERACS

Import ERACS model

Sustainability

Innovations for a greener energy landscape

Sustainability Analysis

Carbon Footprint Analysis
Time Domain Load Flow
Reliability Assessment
Techno-Economic Analysis

Grid Code / Microgrid

Grid Code Analyzer
Quasi-Dynamic Load Flow
PQ Capability
Frequency Ride Through
Voltage Ride Through
Power Plant Controller Digital Twin
Microgrid Controller Digital Twin

Battery Management System

Battery Sizing
Battery Discharge

Reliability

Maximize power system reliability

Unbalanced Networks

Unbalanced Load Flow
Unbalanced Short Circuit
Unbalanced Harmonics

Dynamic Stability

Transient Stability
Load Shedding
Microgrid Islanding
Transformer Inrush
EMT CoSimulator

Advanced Stability

User-Defined Dynamic Models
Generator Start-Up
Dynamic Parameter Estimation & Tuning

Control Systems

DC Control System Diagram & Simulation
AC Control System Diagram & Simulation

DesignPro™

Transmission Line Ampacity - FERC 881
Substation Conductor Ampacity - IEEE 605

Transformer Loading

Transformer Capacity - IEEE C57.91

Add-ons for Power Simulator

Specialized options for unique requirements

Resiliency

Grid and network optimization
to maximize system resiliency

Switching Management

Fault Management & Service Restoration
Switching Optimization
Switching Sequence Management

Distribution Optimization

Volt/VAR Optimization
Optimal Capacitor Placement
Feeder Hosting Capacity

Transmission Planning

Voltage Stability
Optimal Power Flow
Contingency Analysis

Railway Traction - eTraX™

Train Performance Calculation
Unified AC & DC Power Flow
Timetable Generation & Optimization
Useful Voltage Assessment
Battery Management System

GIS

Intelligent Geospatial Diagram
DataX Common Information Model (CIM)
DataX MultiSpeak®
DataX ArcGIS



Operations

Subscription solutions for operations and maintenance



eSCADA

Model-driven electrical SCADA for monitoring and managing electrical systems

Launch	Grow	Scale
Real-Time Server Advanced Monitoring Dashboards Alarm Management Historian	Real-Time Server Advanced Monitoring Dashboards Alarm Management Historian Playback Redundancy	Real-Time Server Advanced Monitoring Dashboards Alarm Management Historian Playback Redundancy Web-based HMI
HMI Users HMI Screens Tag Limit 1 10 10,000	HMI Users HMI Screens Tag Limit 5 20 25,000	HMI Users HMI Screens Tag Limit 10 30 50,000

PSMS

Predict system behavior in response to operator actions

Launch



Real-Time Server
Advanced Monitoring
State Estimation
Simulate Before Operate
What if Analysis

Predictive Simulation

Base Module
Load Flow
Short Circuit
Transformer Sizing

Grow



Real-Time Server
Advanced Monitoring
State Estimation
Simulate Before Operate
What if Analysis
Playback Server

Predictive Simulation

Base Module
Load Flow
Short Circuit
Transformer Sizing
Motor Starting
Harmonics

Scale



Real-Time Server
Advanced Monitoring
State Estimation
Simulate Before Operate
What if Analysis
Playback Server
Situational Intelligence

Predictive Simulation

Base Module
Load Flow
Short Circuit
Transformer Sizing
Motor Starting
Harmonics
Switching Sequence Management
Transient Stability
Unbalanced Load Flow

eOTS

Advanced training solution to help control room operators learn the skills required to operate their power systems efficiently and reliably

Launch



Trainer Simulator

OTS Server
OTS Client
Playback Server
Playback Client
SCADA Operations

Trainee Machine

Base Module
Time Domain Load Flow

Grow



Trainer Simulator

OTS Server
OTS Client
Playback Server
Playback Client
SCADA Operations
Switching & Maintenance Sequence

Trainee Machine

Base Module
Time Domain Load Flow
Switching Sequence Management

Scale



Trainer Simulator

OTS Server
OTS Client
Playback Server
Playback Client
SCADA Operations
Switching & Maintenance Sequence
Power & Energy Management

Trainee Machine

Base Module
Time Domain Load Flow
Switching Sequence Management
Transient Stability

eProtect

Centralized protection and asset management for maintenance information and settings while complying with regulations and standards

Launch



Asset Management

Users 1

Auditing & Settings History

Substation Hierarchical Model

Grow



Asset Management

Users 5

Auditing & Settings History

Substation Hierarchical Model

Download Relay Settings

Asset Lifecycle Management

Settings Tracking Dashboard & Notifications

Scale



Asset Management

Users 10

Auditing & Settings History

Substation Hierarchical Model

Download Relay Settings

Asset Lifecycle Management

Settings Tracking Dashboard & Notifications

Work Order Management

Advanced Fault Analysis System

Fault Detection

Fault Type Identification

Fault Location

Waveform Viewer

How to choose the right Subscription Bundle

01. Consider

- Your business requirements
- Your budget
- Your future needs

02. Evaluate

- Essential features
- Optional add-ons
- License requirements
- Enterprise subscription

03. Select

- Request pricing
- We can help you make the right choice

Multi-discipline solutions and services to meet your needs

