

**Ti** | Trusted  
& Intelligent

**Lauritz  
Knudsen**

Electrical & Automation

# EXPERIENCE THE **ART OF ZEN** IN ENERGY MANAGEMENT

With the all-new Ti Solutions powered by **SMARTCOMM** Digital Architecture





## The Zen Experience of Ti Solutions

Navigating the evolving energy management landscape can become a cumbersome challenge. The first step to ease your facility's energy management begins with Ti Solutions, a smart electrical panel designed by Lauritz Knudsen E&A. A 2019 winner of the Deming Prize and with a legacy spanning half a century in construction, installation, and maintenance, every panel we produce undergoes a meticulous inspection process, with a Quality Management System certified through rigorous audits.



### Legacy And Market Presence

With 50+ years of industry experience, we understand the Indian conditions



### Deming Prize Recipient

All panels undergo rigorous audits for excellence in Total Quality Management



### Extensive Nationwide Service Centres

Backed by our pan-India network for unmatched support and minimal equipment downtime



## The Zen Experience of Ti Solutions

Customized to excel in performance, with compactness, and resilience, these panels guarantee unmatched reliability, bringing you the art of Zen in energy management. Ti Solutions stand out as a comprehensive choice when it comes to finding peace of mind in energy management!



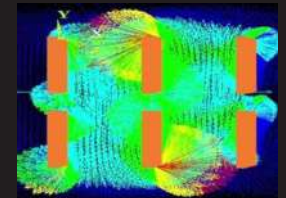
### Seismic-Resistant Design

Designed to endure Zone V earthquakes, this structure boasts superior impact resistance (IK 10) according to IEC 62262 (2002) standards, ensuring robustness against external impacts.



### Arc-Resistant Design

Ensuring a secure environment, this design provides both active and passive arc protection, safeguarding human lives, workplaces, assets, and uninterrupted operations.



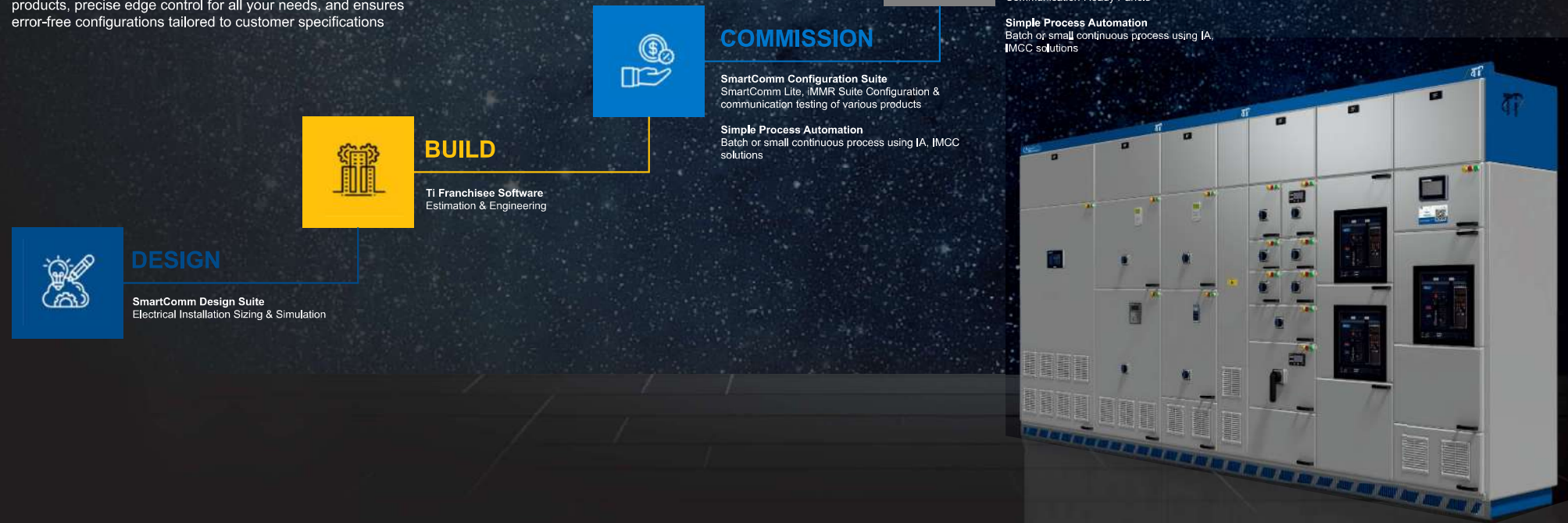
### Best-in-Class Thermal Performance

Our panels are equipped with double-deck busbars, to deliver 1.5x more thermal efficiency than conventional setups while minimizing the impact of electrodynamic forces.

## Excellence Crafted for Unmatched Resilience

### SMARTCOMM Digital Architecture

From design to operation, SmartComm delivers connected products, precise edge control for all your needs, and ensures error-free configurations tailored to customer specifications



#### DESIGN

**SmartComm Design Suite**  
Electrical Installation Sizing & Simulation



#### BUILD

**TI Franchisee Software**  
Estimation & Engineering



#### COMMISSION

**SmartComm Configuration Suite**  
SmartComm Lite, iMMR Suite Configuration & communication testing of various products

**Simple Process Automation**  
Batch or small continuous process using IA, IMCC solutions



#### OPERATE & SUSTAIN

**SmartComm + Digital Panels**  
Power Management Software  
Communication-Ready Panels

**Simple Process Automation**  
Batch or small continuous process using IA, IMCC solutions



#### MAINTAIN

**SmartComm PREDICT**  
Maintenance  
Digitization Software

**Digitizing Factories for ESG**  
SmartComm Plant solution for Power & Building Management



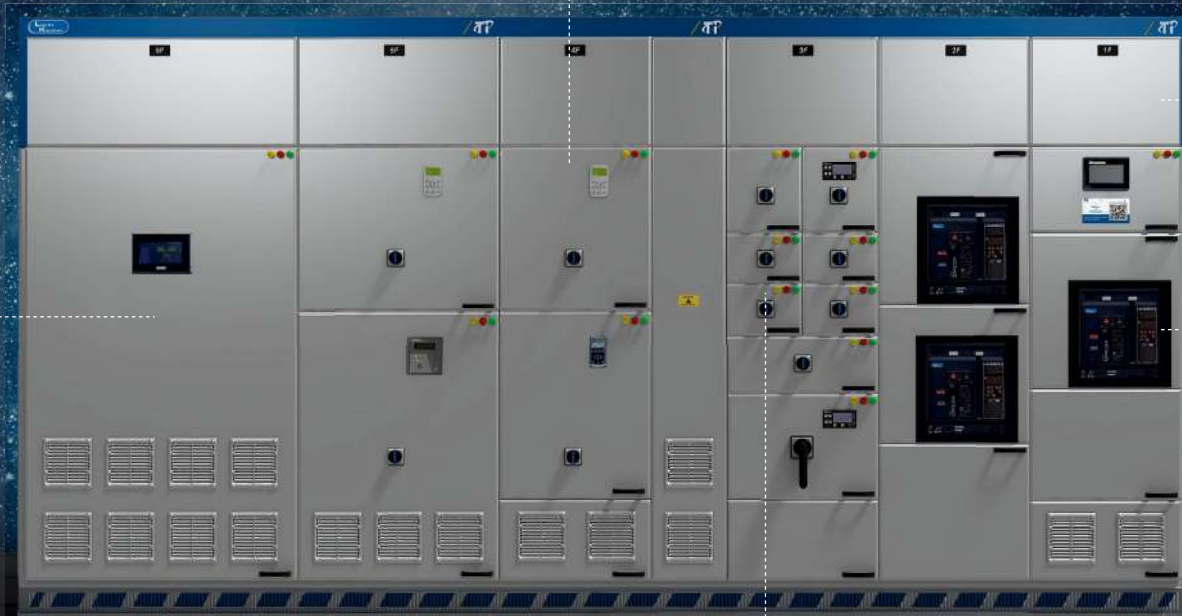
VFD and Soft starters  
up to 220kW

Busbar up to 8000A;  
Double-deck advantage

Hybrid Power Factor Correction panel  
conforming to IEC 61439 and IEC 61921

Up to 6300A  
Highest in-panel rating

IMCC up to 150 kW  
with best-in-class iMMR relay



Our Ti Panels support a diverse array of devices and is the right fit for every segment:



INDUSTRY



DATA CENTRE



SMART CITY



RENEWABLE



METRO



AIRPORT



Scan to know more

