



TRYSTAR®

MONITORING AND CONTROL SOLUTIONS

SOLUTION BRIEF

Monitoring and Control Solutions



General Manufacturing Applications

Faster Recovery, Better Decisions, More Reliable Manufacturing Operations

Modern manufacturing facilities rely on automated lines, robotics, and digitally controlled processes. When electrical events occur, the challenge is often not restoring power, it's understanding what happened, in what order, and why.

Without clear visibility, minor disturbances can lead to extended downtime, repeat failures, and unnecessary risk.



The Manufacturing Challenge

Manufacturers Commonly Experience:

- Trips or shutdowns with unclear root cause
- Long recovery times after short electrical events
- Fragmented data across switchgear, generators, and controls
- Repeat incidents due to incomplete diagnosis



Trystar's Monitoring and Controls Approach

Trystar delivers integrated monitoring and controls capabilities that provide clarity before, during, and after electrical events by combining:

- High Resolution Event Capture
- Edge monitoring and local control
- Centralized visibility across systems and sites



Core Capabilities

- **Electrical & Control Event Intelligence**
Millisecond-level timelines that show exactly what happened and in what sequence.
- **Edge Monitoring & Local Control**
Visibility into power, equipment state, and environment with local automation for safer response.
- **Centralized Visibility & Analytics**
Single-pane insight across lines or sites to identify patterns and prevent repeat issues.

Designed to Work as Part of a Solution...

Monitoring and controls complement Trystar's power quality, conditioning, and conversion capabilities reducing both event frequency and time to recovery.'

Relays • Sequence of Event Recorders & Accessories • Timers • Time Reference • Remote Terminal Unit (RTU)



Manufacturing Applications

Automotive:

- Diagnose disturbances affecting robotic lines
- Monitor distributed utility rooms and switchgear

Food and Beverage:

- Cold-chain monitoring with event-based generator control
- Automated logs for compliance

Electronics:

- High-resolution power event capture for sensitive equipment
- Environmental control to reduce quality escapes

Heavy Industry and Metals:

- Track high-load circuits and MCCs
- Analyze breaker trips and overloads quickly



Operational Impact

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- Faster root-cause analysis
- Reduced unplanned downtime
- Fewer repeat electrical incidents
- Improved safety and confidence during outages