

Cybertech Automation helps industry build, configure, and commission instrumentation, electrical, and control system equipment.

# CYBERTECH FOXBORO TOOLS SUITE



The **Cybertech Foxboro Tools Suite** streamlines as-building, configuration and validation of Foxboro I/A Configurations and Graphics – offering features not available in Schneider Electric’s own System Auditor.

Cybertech’s Foxboro Tools process Foxboro control processor data and graphics to identify common configuration issues and oversights. These checks can be based on generic DCS configuration standards, and on client-specific configurations – saving time and improving accuracy in critical applications.



## How can the Cybertech Foxboro Tools Suite help your project?

For a fixed fee, Cybertech can perform a complete analysis of your Foxboro I/A control processor configuration and graphics – producing a detailed as-built report and highlighting configuration issues. From there, we can assist you with resolution – drawing on our years of extensive experience.

## KEY FEATURES OF CHECKS/TOOLS

### PARAMETER DEFAULT VALUE CHECKS

Discrepancies from custom and default parameter values are reported. Multiple parameters can be defined, and checks can run against specific block types/options.

### LINKED BLOCKS PARAMETER CHECKS

Compares parameter values between linked blocks. Discrepancies between primary and secondary blocks can be identified for ranges, types and connections.

### GRAPHICS CHECKS

Finds discrepancies between graphics and CP configuration. As-building of all dynamic links, alias configurations, embedded logic and symbol location/types.

### AUTOMATIC CONFIGURATION

Automatically generates Foxboro gateway DCI block configuration based on external system data. Automatically generates control processor configuration and scripts.

### Contacts

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### Cybertech

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## CONTROL PROCESSOR DATABASE CHECKS TOOL

Compares CP dump files against configuration rules (generic or client-specific).

- Checks for discrepancies in default parameters, linked block parameters, scripting errors and alarm parameters.



## CONTROL PROCESSOR COMPARE TOOL

Compares CP dumps to identify changes.

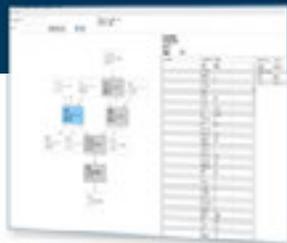
- Flags block additions, block deletions and block modifications



## CONTROL PROCESSOR CONFIGURATION VIEWER TOOL

Imports CP dump files and creates a visual representation of configuration in function block displays.

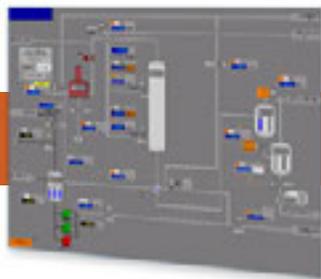
- Reveals and navigates through upstream and downstream webs.



## GRAPHIC AS-BUILD G FILES TOOL

Converts FDF formatted graphics to G files and processes G files.

- As-building of all dynamic links, alias configurations, embedded logic and symbol location/types.



## GRAPHIC BULK EDIT TOOL

Automatically edit multiple Foxboro graphics, overlays and faceplates using a TXT/CSV file.

- Saves time and decreases data entry errors when modifying multiple graphics, overlays and faceplates.



## GRAPHIC/CONTROL PROCESSOR COMPARE TOOL

Compares CP dumps to G files and identifies discrepancies.

- Flags engineering unit mismatches, faceplate selection mismatches, invalid compounds/blocks, bad links/missing displays and orphan C:B:Ps.



## FOXBORO HISTORIAN COMPARISON TOOL

Compares CP dumps to Wonderware Historian (CSV format) to identify discrepancies.

- Flags Historian issues, Historian missing blocks, Historian missing parameters and Historian tag parameter issues.



## FOXBORO PI COMPARISON TOOL

Compares CP dumps to PI server (CSV format) to identify discrepancies.

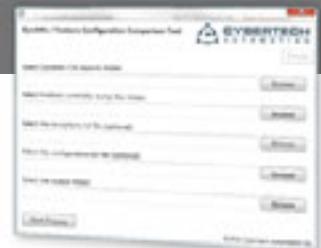
- Flags PI issues, PI missing blocks, PI missing parameters and PI tag parameter issues.



## FOXBORO/ALARM DATABASE COMPARE TOOL

Compares alarm database exports (CSV format) against CP dump files.

- Identifies mismatches between common parameters, missing blocks from either system and alarm philosophy rule violations.



## FOXBORO GATEWAY TOOL

Validates CP data against external systems including Triconex and GE.

- Reconciles dataflows across gateways and accounts for various scaling, aliasing and remapping issues. Automatically generates Foxboro DCI block configuration based on external system data.



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