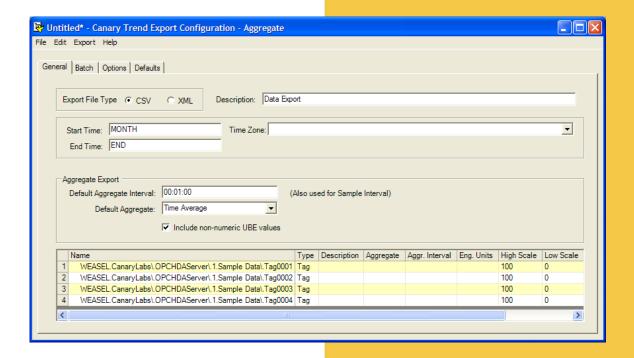# Trend Export Server Specification

Canary Labs

Application Deployment
- ✓ Trend Export Data Server
- ✓ Trend Export Configuator
- ✓ Quick & Easy Installation
- ✓ Software license
  - • License Administrator

Trend Export Server
- ✓ Acquires data from OPC Historical Data Access (HDA) standard
  - • Uses any OPC HDA server supported aggregate
- ✓ CSV or XML formatted output file
- ✓ Evaluated relative START/END time keywords
- ✓ Calculated tags
- ✓ Conditional input and output
- ✓ Sections to group exported data
- ✓ Continuous or Batch data
  - • Batch times are relative to start of batch
  - • Multiple batches for any tag
- ✓ 7 Time ouput formats
- ✓ 3 Numbering formats (General, Decimal and Scientific Notation
- ✓ 3 Filter options (Numeric, Annotation or Text)

- ✓ XML formatted configuration files
- ✓ Update By Exception (UBE), Time Average and Aggregate exports

Trend Export Config
- ✓ Create, save and load different configurations
- ✓ Calculation Editor
- ✓ Condition Editor
- ✓ Tag type selection
- ✓ Tag properties copied from HDA input tag
- ✓ Tag Browser with tag description
- ✓ Convert from UBE, Time Average, Aggregate or Advanced exports
- ✓ Tme zone selection
- ✓ Local selection
- ✓ Batch selection
- ✓ Aggregate selection
- ✓ Run export for loaded configuration

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Trend Export Monitor
- ✓ Show progress of an export
  - Time remaining
  - Total time to export
- ✓ Command line capable
  - Input configuration file
  - Optional output file path or program will prompt
- ✓ Completion options
  - Open output folder
  - Open with Notepad
  - Open with Excel
  - Open with Excel formatting
  - Open with Excel formatiing (No Stats & Save)
  - User configurable for 3rd party applications

Command Line Export
- ✓ Required input configuration file
- ✓ Required output file path
- ✓ Optional progress status

Helps
- ✓ On-line helps
  - Contents
  - Index
  - Search facilities
- ✓ Context sensitive helps (F1 key)
- ✓ Error Log Facilities

Version Information
- ✓ Current version is 8.0.2
- ✓ Original Trend Export product was released in 2005
- ✓ New updated releases of the product occur at least once a year incorporating improvements and technology upgrades

Operating Systems Recommendation
- ✓ Windows 2000, Windows XP or greater