IAT HISTORIANDESK

Trend, analysis and automated reporting for Proficy Historian data

Bring process data into focus

Developed by iAT Dijital, HistorianDesk makes it easier to explore Proficy Historian data, compare operating periods and build reusable reports.

Use the Windows client for detailed analysis, access reports through the web interface and deliver scheduled outputs to your team with the report server.

OUTCOMES

- Assess process behavior on the same trend.
- Make differences between periods visible.
- Reduce repetitive reporting steps.
- Work with your own Excel templates.
- Share reports with selected users.
- Review saved reports containing data offline in the Windows client.

01 Trend and period comparison

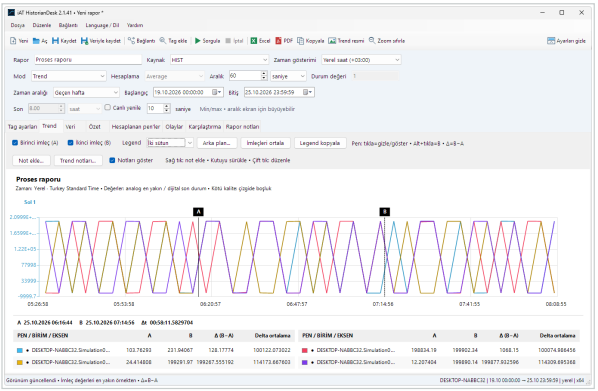
Explore values with multiple left and right axes, A/B cursors and an interactive legend. Inspect value and time differences and the average over the selected interval. Overlay a previous period or compare two independent time windows on the same trend.

02 Calculations and event analysis

Create calculated pens using tag-based formulas. Detect syntax errors, unknown references and circular dependencies with formula validation. Define thresholds, digital states and minimum durations, then select an event to focus on its trend interval.

03 Web access and sharing

Sign in with your Windows account. Organize reports using folders and favorites, and share them with selected users. The owner manages the original definition while other users can work on their own copies.



Windows client: trend, dual cursors and legend. Turkish interface shown.

Explore the data.
Share the report.
Simplify the workflow.

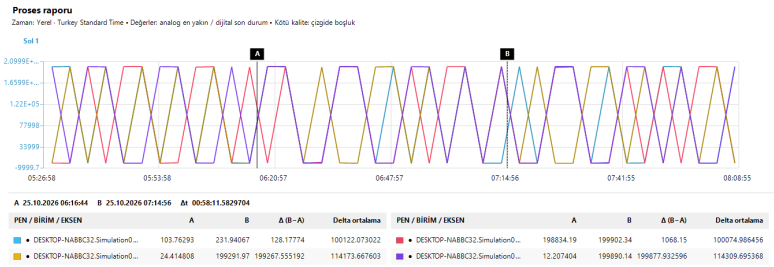
Windows • Web • Report server

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Features

- Tag browser
  Search by tag name or description; view units and data types. Keep frequently used tags in a personal library.
- Time and sampling
  Date presets, last-duration selection, and calculation and sampling options appropriate to the query mode.
- Multiple axes
  Create multiple left and right axes. Assign tags to separate axes to assess different units together.
- Dual cursors
  Inspect A/B values, value and time differences, and the average over the selected interval in the legend.
- Digital-state shading
  Highlight intervals when a digital signal is in the selected state across the full trend height.
- Period comparison
  Overlay a previous period or compare two independent time windows on the same trend.
- Calculated pens
  Build tag-based formulas and detect syntax errors, unknown references and circular dependencies.
- Event analysis
  Define thresholds, digital states and minimum durations. Select an event to focus on its trend interval.
- Report templates
  Reuse definitions. Save reports with data for review in the Windows client without a Historian connection.
- Data and summaries
  List or time-grouped tables. Review summaries including minimum, maximum and average values.
- PDF reports
  Choose the report content and output options to create PDF documents ready to share.
- Excel templates
  Export Excel files or write data and report information into defined areas of custom templates.
- Trend images
  Export the trend as a PNG image. Configure its presentation with colors, axes and notes.
- Report server
  Scheduled tasks running as a Windows service. Track results and errors through the run history.
- Distribution
  Save to folders or send by email; recipient groups and variable-based output filenames.
- Web workspace
  Windows account sign-in, multiple report tabs, folders, favorites and sharing. Turkish and English interfaces.



Dual cursors and legend: detail from the actual product. Turkish UI.

Reduce repetitive reporting steps. Make process analysis part of your team's daily workflow.

REQUEST A DEMO

www.iat.com.tr

Discuss your connectivity, access, output and distribution requirements with iAT Dijital. Contact our team for product information and a demo.

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Capabilities, components and deployment options

Trend, data and reporting capabilities

Build a reusable workflow from process analysis to report distribution.

Trend and exploration

- Dual A/B cursors
- Value and time differences
- Average over the A-B interval
- Multiple left and right axes
- Hide and show pens
- Digital-state shading
- Step drawing
- Notes on the trend
- Previous-period overlay
- Independent period selection

Data and calculations

- Tag name/description search
- Units and data type information
- Personal tag library
- Calculated pens
- Formula validation
- Condition-based event rules
- Min/max and average summaries
- Time-grouped tables
- Local time / UTC display
- Decimal precision settings

Reports and outputs

- Reusable report templates
- Save reports with data
- Offline review in Windows
- PDF and Excel outputs
- PNG trend images
- Custom Excel templates
- Scheduled report generation
- Folder delivery
- Email and recipient groups
- Task run history

Connectivity and workflow

Connect through the Historian Client Access API and maintain separate profiles for multiple Historian servers. Use the Windows client for file-based analysis and the report server for scheduled generation and delivery.

Components and deployment

Windows client

Detailed analysis, file-based work and offline review of saved reports containing data.

Web client

Browser access, personal reports, multiple tabs and sharing with selected users.

Report server

Windows service, scheduled tasks, automated outputs and distribution.

Access and administration

- Windows user accounts for web sign-in
- Original report managed by its owner
- Personal copies of shared reports
- HTTPS and certificate support for remote access
- Server database backup and restore

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