# BrPerfX

Transforming Control Loop Performance Assessment into Economic Benefits

### Key Features:

❑ Control loop on-line monitoring

❑ Web interface for reports and configuration

❑ Direct communication with the process by OPC or vendor specific interfaces

❑ Report notification by email

❑ The most advanced techniques for process performance assessment and diagnostics

❑ New, Innovative, and Conclusive Indices
(much better than Harris's Index)

❑ More than 11 current real time applications
(4 Refineries, 5 Gas Processing Units, 1 Offshore Plataform, 1 Petrochemical Plant, and many others are being installed)
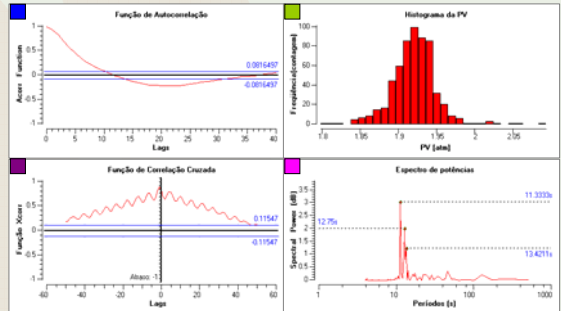
Complete Reports - Graphs
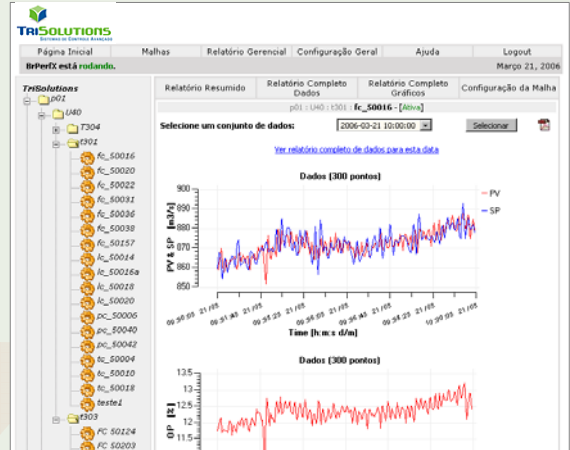
■ Control loops explorer

■ Report date

■ Graph of process variable (PV) and set-point (SP) versus time

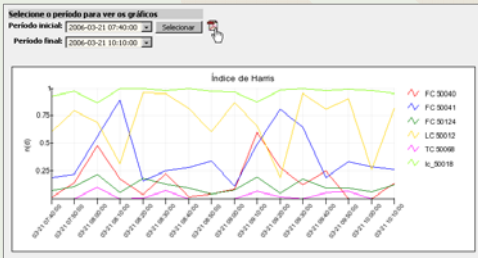■ Graph of control action (OP) versus time

Current Status Summary
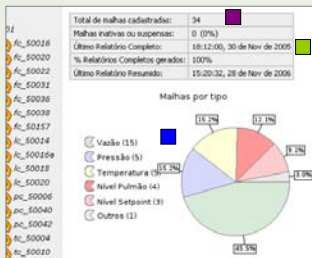
■ Percentile of the different classes of control loop

■ Number of registered loops

■ Last complete report date

Complete Reports - Indices

Graphs showing the trends of the indices for every control loop selected

Individual Control Loop Graphs

■ Autocorrelation Function   ■ PV histogram

■ Cross-correlation Function   ■ Spectral Analysis

Complete Reports - Indices

Management Report

■ Ranking for all numerical indices

■ Save as pdf file

Index of Plant Trends

Pond average of all control loops grades registered in each equipment or plant

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