

Product Overview

WHAT IS SYSTEMIQ™?

It is web-based software tool that automates System Performance Monitoring and Health Reporting. It is designed to automate data collection and integration with supporting applications designed for Work Management, Corrective Action, Condition Monitoring and Diagnostics, Maintenance Rule, etc. Outputs are designed for management and Plant Health Committee decision-making.

Features/Benefits

- Extensive Integration
- Automated Data Collection
- Performance Monitoring
- System Health Algorithm
- Action Plans
- Walkdowns
- Web Based
- Minimal Training
- Easy to Implement
- Fleet Solution

HEALTH ALGORITHM AND REPORT

System Performance and Health is determined by direct and indirect indicators that are automatically collected and evaluated as part of an objective algorithm. The list of indicators, indicator weights, and criteria can all be custom configured to match station and fleet objectives. Quarterly, Semi-Annual, Annual Health Reporting is automatically generated as well as tracked and trended over time.

System Health Report (02-2008)					
INDICATOR NAME	Type	Value	Weight	Score	Contribution
1 - #11 EOC exceeding MR Performance Criteria, MR (A21) Evaluation / CAP being developed	Automatic	0	4%	100	4
1 - #11 Evaluation / CAP approved by PNC with corrective actions in progress	Automatic	1	4%	100	4
1 - #11 EOC in (A21), all corrective actions complete, Monitoring phase in progress	Automatic	2	3%	60	1.80
1 - #11 at risk for unsustainability	Automatic	3	3%	100	3
1 - #11 with declining trend	Automatic	4	3%	100	3
1 - #11 with declining trend	Automatic	5	3%	100	3
1 - #11 with declining trend	Automatic	6	3%	100	3
1 - #11 with declining trend	Automatic	7	3%	100	3
1 - #11 with declining trend	Automatic	8	3%	100	3
1 - #11 with declining trend	Automatic	9	3%	100	3
1 - #11 with declining trend	Automatic	10	3%	100	3
1 - #11 with declining trend	Automatic	11	3%	100	3
1 - #11 with declining trend	Automatic	12	3%	100	3
1 - #11 with declining trend	Automatic	13	3%	100	3
1 - #11 with declining trend	Automatic	14	3%	100	3
1 - #11 with declining trend	Automatic	15	3%	100	3
1 - #11 with declining trend	Automatic	16	3%	100	3
1 - #11 with declining trend	Automatic	17	3%	100	3
1 - #11 with declining trend	Automatic	18	3%	100	3
1 - #11 with declining trend	Automatic	19	3%	100	3
1 - #11 with declining trend	Automatic	20	3%	100	3
1 - #11 with declining trend	Automatic	21	3%	100	3
1 - #11 with declining trend	Automatic	22	3%	100	3
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1 - #11 with declining trend	Automatic	80	3%	100	3
1 - #11 with declining trend	Automatic	81	3%	100	3
1 - #11 with declining trend	Automatic	82	3%	100	3
1 - #11 with declining trend	Automatic	83	3%	100	3
1 - #11 with declining trend	Automatic	84	3%	100	3
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1 - #11 with declining trend	Automatic	90	3%	100	3
1 - #11 with declining trend	Automatic	91	3%	100	3
1 - #11 with declining trend	Automatic	92	3%	100	3
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1 - #11 with declining trend	Automatic	96	3%	100	3
1 - #11 with declining trend	Automatic	97	3%	100	3
1 - #11 with declining trend	Automatic	98	3%	100	3
1 - #11 with declining trend	Automatic	99	3%	100	3
1 - #11 with declining trend	Automatic	100	3%	100	3

INTEGRATION

SystemIQ integrates seamlessly with PlantIQ, MRule Manager, LTA Manager, other IKS ER modules, and other applications.

SYSTEM / FLEET MATRIX

Matrix views are provided in SystemIQ to evaluate Health and Condition at a glance. Matrices are configured at the station and fleet level with drill-down capability to quickly get to details. Users can filter matrix views based on System Category, Tier/Importance, Status, Responsible Persons, etc.

FORECAST

System engineers can view health trends and also have the ability to forecast the system health for future periods.

ACTION PLANS - "ROAD TO GREEN"

Detailed Action Plans can be documented and tracked in SystemIQ for Systems that have degraded or need action to remain Green. Action Plan items from other applications are integrated, creating a centralized action plan for each System. Action Items are configurable in format and Performance Indicator Reports and Trends can be created to track progress.