



# RulePaks\*

A RulePak is a pre-configured set of rules designed specifically to perform real-time data validation, real-time calculations and analysis, and real-time detection of specific events and malfunctions.

## Application

Once a RulePak is imported into the System 1\* Optimization and Diagnostics Platform—via the Decision Support\* Manager—you can apply it to a single problem machine, multiple machines, or to machine trains across your business.

## Key Capabilities of RulePaks

Generic asset RulePaks are available as well as specific asset RulePaks for a particular asset type. RulePaks typically provide mechanical, operation, and instrumentation analysis, while also providing condition-based maintenance capabilities. The outputs from these RulePaks can drive highly configurable user notifications with Actionable Information\*.

## Quickly Apply Knowledge of Experts Outside Your Business

You can leverage the knowledge of industry experts by using preconfigured RulePaks that are easy to apply. To provide a complete diagnostic package, RulePaks can be imported and applied in combination with various System 1 Application Packages.

## Benefits

- Maximize plant availability
- Optimize plant maintainability
- Mitigate operational risks
- Rapid application of expertise from outside your business
- Asset life extension

## Capabilities

- Configurable advisories
- Robust IT security
- Easy plug-in to System 1 platform
- RulePaks can be deployed across your business
- Can drive user notifications with Actionable Information



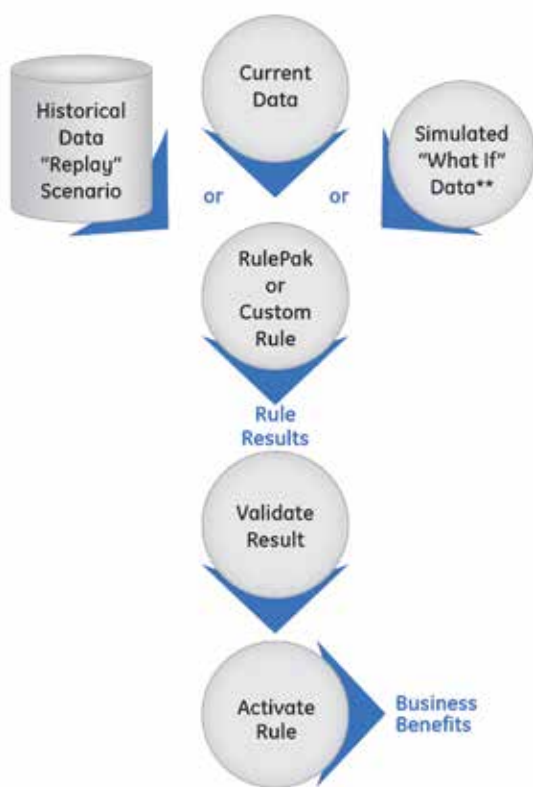
**Customize Use of RulePaks for Your Needs**

Although RulePaks are intended to give you pre-configured model-based logic and equations with usable outputs, you may want to combine some of your knowledge with outputs from RulePaks to make custom rules using Decision Support Studio\*. Also, the outputs from RulePaks, as well as custom rules, can drive notifications with default advisories that are user-configurable.

**Validate RulePak Results Offline**

Prior to activating RulePaks live in your business, you can test them offline to validate the result by inputting historical, current or simulated data.

**VALIDATE RULEPAK RESULTS**



**Available RulePaks**

There are various RulePaks available to cover the following assets (some generic and some more specific to a particular manufacturer/ model):

- Steam turbines
- Reciprocating compressors
- Industrial gas turbines
- Aeroderivative gas turbines
- Fans/blowers
- Pumps
- Induction motors
- Generators
- Exciters
- Rotating compressors
- Integral gear compressors
- Electrical motors
- Gear boxes
- Power turbines
- And others

**Levels of Support**

Installation, training, and support services are recommended to help you achieve the most value from this application package. We offer three distinct levels of support that include the following: