

## Pyxis<sup>®</sup>

(<http://pyxisv2.apn-tools.com>)

The first web-based risk analysis and management tool designed specifically for the energy and chemical industries.

Successful management of risk is a critical component for the delivery of capital projects and plant turnarounds. Risk management can improve business performance by helping teams avoid surprises and increasing the chances of success.

**Pyxis<sup>®</sup>** is a web-based risk analysis tool for capital projects and turnarounds in the petroleum, energy, and chemical industries. Derived from the Greek word for compass, Pyxis<sup>®</sup> helps teams easily navigate the risk management process. It provides a means of identifying risks, assessing their impact, and tracking risk response actions on a real time basis. Pyxis<sup>®</sup> can be used at all stages in the life cycle of a project or plant turnaround.

The design of the tool has been influenced by AP-Networks' extensive experience in running readiness and risk workshops for projects and turnarounds. Over the past 3 years APN has conducted more than 200 workshops for such companies as BP, Chevron, ConocoPhillips, Shell, and Valero. Our consultants have worked with teams to identify and assess risks and help establish mitigation plans. This experience has been brought to bear in the design of Pyxis<sup>®</sup> so that it provides an effective and time-efficient solution for project and turnaround teams.

### Manage Threats and Opportunities

Pyxis<sup>®</sup> provides a structured format for implementing a holistic risk management process. The tool walks users through the following steps:

- *Identifying* risks associated with the capital project or turnaround
- *Categorizing* the risks in a structured format
- *Evaluating* risks based on their potential impact and probability of occurrence
- *Prioritizing* risks based on their level of manageability
- *Developing* a Risk Register
- *Monitoring* and managing risks by means of mitigation and contingency plan development

The tool's Quick Start feature allows teams to begin the risk management process within minutes of logging-onto the system and access a proprietary



database of the industry's most common threats and opportunities. The tool contains a comprehensive suite of reporting options as well as e-mail notification reminders to risk-owners. Pyxis<sup>®</sup> has been designed to be easily accessible by all team members and requires minimal upfront training by users.

### The Benefits

- Centralized, secure repository of company project and turnaround risk data
- Ability to compare risks of various events
- Real time, web based application; doesn't need specialized client software installed
- Detailed Risk Register
- Extensive reporting features on risk resolution strategies and progress

### Find Out More

Pyxis<sup>®</sup> can be used as part of a project or turnaround workshop or be licensed for repeated use.

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