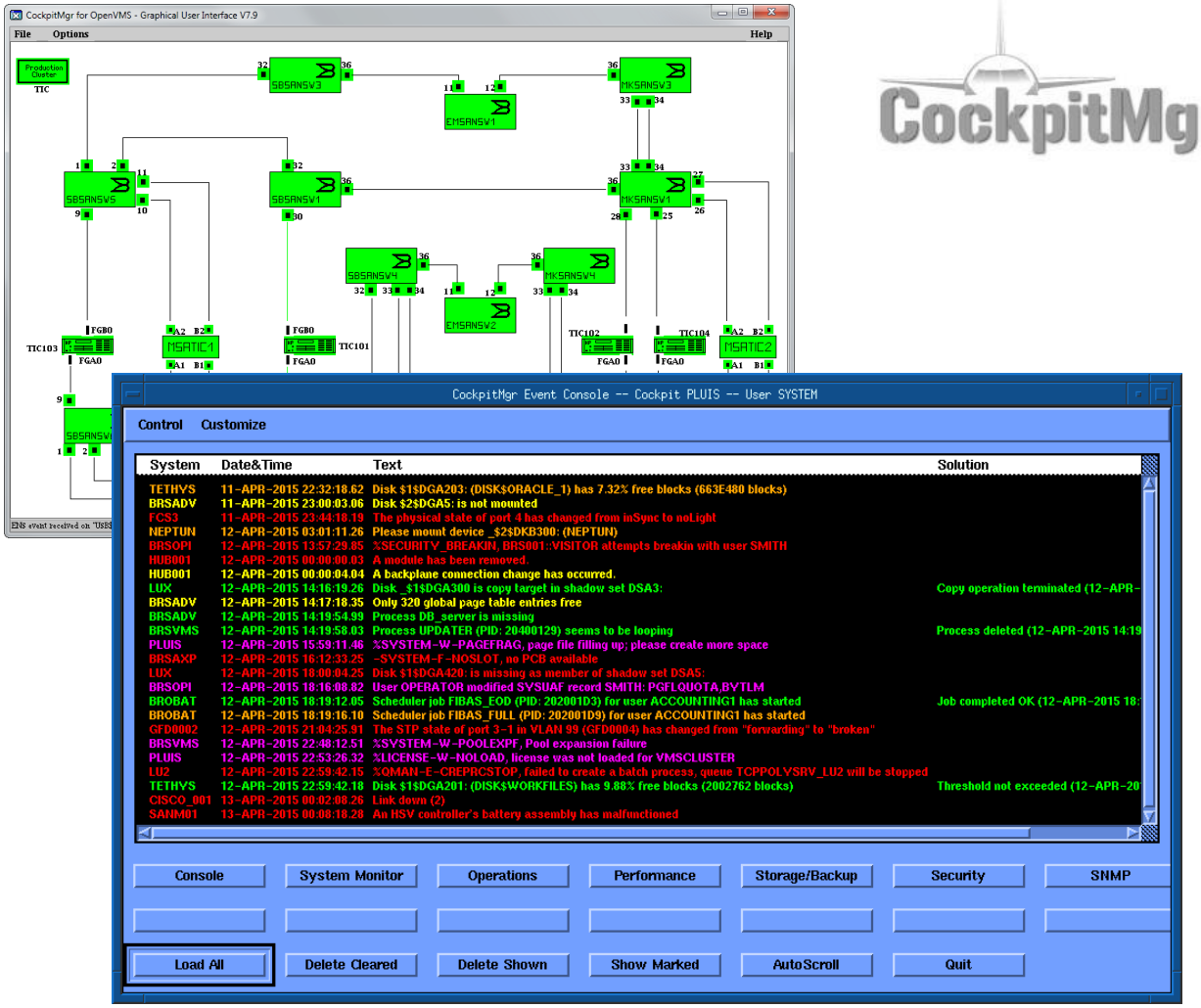
CockpitMgr for OpenVMS Solution Data Sheet

CockpitMgr is a proven OpenVMS-based solution for managing mission-critical systems and clusters. It centralizes all management operations to monitor your OpenVMS production environment.



A business-critical environment demands 24x7 monitoring of the complete underlying IT-infrastructure. System managers need the tools to deliver the required availability and performance. Although OpenVMS is considered one of the most reliable operating systems, hardware and software problems cannot be entirely avoided.

CockpitMgr is a proven OpenVMS-based solution for managing mission-critical systems and clusters. It monitors the entire OpenVMS production environment and helps system managers to identify potential problems before they cause painful interruption of service. CockpitMgr centralizes all management operations and provides all necessary tools to build a fully integrated management system.

CockpitMgr for OpenVMS assists the system manager 24 hours per day. The product records all events generated by the monitored systems and associated network and storage devices. CockpitMgr takes over routine tasks, notifies the OpenVMS system manager when necessary and can take corrective action without operator intervention. Events are detected, analysed, processed, reported and logged, allowing problems to be detected and corrected before operations are disturbed.

CockpitMgr has been successfully deployed in rail transport, stock exchanges and financial services, retail, automobile industry, police departments, healthcare, military, telecommunication, food industry, energy production and transport, travel industry and managed services.

Central Event Engine
The Event Engine is the heart of the cockpit. It processes all information collected from different sources and takes care of event correlation, notification and reporting.

Event Console
The event console is a customizable Motif application which displays all or selected events. Buttons allow the quick selection of events based on event class. Additionally, events can be assigned owners or deleted. A web browser can also be used to display events.

System Monitor
The System Monitor allows supervision of many aspects of production systems, including processes, free disk space, shadow sets and queues. Monitoring of each type can be configured according to time of day. VMS clusters are fully supported, configuration per node and cluster can be accomplished within minutes. Monitoring can easily be extended with your own specialized modules.

Console Management
The system console is an important source for system and application messages. CockpitMgr provides full console management functionality, and allows you to connect to consoles, log console output and search this output for important messages. Useful and up-to-date scan profiles allow quick configuration of the console manager.

SNMPtrap Listener
The SNMPtrap Listener analyses SNMPtraps sent to the cockpit by network and storage devices.

Logfile Browser
Keeping the production running smoothly also means continuously checking for errors in log files of batch jobs and applications. The Logfile Browser guarantees early notification of errors detected in the log files of job streams and applications.

Network Monitoring
Especially in multi-site cluster configurations it is crucial to monitor the availability of network devices and changes to their port states. SNMP-based utilities monitor selected network devices.

Storage
CockpitMgr performs all necessary monitoring on storage controllers, devices and Fibre Channel switches.

Performance Watcher
The Performance Watcher continuously scans for indications of system performance degradation, for example looping processes, processes in a special wait state, processes using lots of CPU and pool utilisation.

Security Audit Listener
The CockpitMgr Security Audit Listener monitors the security of the information entrusted to your OpenVMS systems. For each security event a comprehensive message is generated.

Pager Engine
CockpitMgr includes an intelligent Pager Engine for notification of important events to cell phones.

Automatic Pilot
Repair actions can be automatically triggered by events, without intervention of a system manager.

Graphical User Interface (GUI)
A GUI gives system managers and operators an at-a-glance status overview of systems, clusters, network and storage devices.

Census
Census collects configuration data on systems, storage and network devices, and compares it with previous snapshots. Configuration data is stored in XML format, which facilitates reporting using a web browser.

System Requirements:
For the cockpit: OpenVMS V8.4 (or higher) for Integrity or Alpha

For managed systems:
For VAX: OpenVMS V5.5 or higher
For Alpha: OpenVMS V6.2 or higher
For Integrity: OpenVMS V8.3 or higher