

*Products that enable Technical and Business Units to cooperatively ensure Consistent Application Response Times*

## Enterprise Performance Information Integration

### Turning Data into Information - The Key to Improving Service Levels

Most IT organizations are drowning in huge amounts of raw data produced by a growing number of valuable data sources but lack the ability to organize and correlate that data into unified, meaningful, and actionable information. While each product captures and analyzes raw data, there is no way to combine that data with data from other sources and effectively and meaningfully analyze metrics from multiple appliances.

### Enterprise Performance Information Integration The SeaView/PDB Solution

SeaView/PDB™ is a data management, analysis and reporting software infrastructure that enables IT to both correlate the highly granular metrics from multiple SeaView/RTM™ appliances and to integrate those metrics with any other performance measurement tool and with corporate meta-data. PDB's ability to combine RTM's end-user experience metrics, application topology, and external resource utilization feeds with the data from many popular industry standard tools such as SNMP agents, RMON probes, server tools and system logs, enables IT for the first time to discern cause and effect between their network events. It generates actionable information describing the Quality of Service (QoS) experienced by end users.

Unlike competitive solutions, SeaView/PDB™ comes with a published data dictionary, describing every field, including how it is derived, what it means, and its intended uses.

- **Data Collection**—the Data Collection component extracts, collects and consolidates data from a multitude of distributed multi-vendor data sources. The SeaView/PDB™ framework is based on a flexible and scalable architecture capable of easily adding new data sources.
- **Data Management**—the Data Management component, often overlooked by other tools, organizes and manages huge volumes of data collected over long periods of time. Data are managed at various levels of detail: days, weeks, months, and years. This structure maintains needed granularity while at the same time enabling rapid analysis and reporting.
- **Data Identification and Correlation**—SeaView/PDB™ provides the key function of identifying, mapping, and categorizing data and correlating it with metadata; for example, matching a dynamically assigned IP address to the real address and user ID by correlating the data to the NAT/authentication server data.
- **Data Analysis**—the Analysis component provides for analyses and manipulation of massive amounts of data, including powerful statistical analysis such as distributions, standard deviation percentiles, and confidence intervals. This is unlike many approaches that rely too heavily on averages.

Figure 5: SeaView/PDB™ Enterprise Performance Information Integration



