



Proactive IT Operations Management

Through a combination of behavioral analysis, predictive analytics and built-in performance models ConicIT delivers:

- Context aware dynamic thresholds that enable proactive, meaningful and actionable alerts notifying staff of application performance problems before they affect users.
- Indicative (vs. symptomatic) information enables faster, cheaper root cause analysis and eliminates the need for expensive war-rooms
- Behavioral information and baselines enabling cost aware service level management of on-demand capacity pricing



Challenge

Performance monitors provide IT with a flood of data but do not distill that data into actionable information. There is just too much monitoring data available, and we have reached a state where the data surpasses human capabilities to effectively process it. Performance management needs a “brain” for aggregating and coordinating monitor data sources and then distilling it into actionable performance and cost information for IT. Effective automated analysis of performance data is key to enabling IT to respond to performance issues quickly and effectively.

ConicIT Solution

ConicIT offers a software solution leveraging self-learning **behavior analytics** that **predicts** dynamic thresholds for each hour of every day and monitors actual performance compared to the prediction. Residing outside the Mainframe, ConicIT relies on existing performance monitors and requires no installation on the Mainframe itself. ConicIT performs as an intelligent super-user robot collecting actual data from existing monitors - constantly comparing it to the dynamic performance thresholds it has calculated.

ConicIT provides the “brains” for existing performance monitors by using **sophisticated predictive analytics** paired with **built in performance models** created by world class performance experts. These models enable ConicIT to ensure that **only meaningful and actionable alerts** are issued.

ConicIT also captures all the relevant system data during a performance problem - providing IT staff with a post-mortem detailed view of the system status right before, and during the problem’s occurrence. This enables staff to solve a problem the first time it occurs – providing a dramatic reduction in mean time to repair for transaction slowdowns and performance degradation. By ensuring the actual cause of the problem is fixed (and not symptoms) ConicIT also increases mean time between failures.

ConicIT Benefits

Simple installation and setup. Non-intrusive Linux based system **automatically adapts** to customer’s needs and system characteristics

Built-in performance models created by performance experts ensures only relevant, actionable alerts

IT is the first to notice problems, no more irate calls from user or management about unknown performance issues

Problems are pinpointed and relevant indicative data captured the first time the problem occurs. Appropriate experts can be deployed to **fix the issue immediately at its cause, without expensive war-rooms.**

SLAs can be associated with their costs associated with **capacity pricing environments**