

IT Analyzer Solution for IT Infrastructure Stability

Optimize, Correlate and Consolidate IT Infrastructure Assets & Services in the Data-Center

Companies that manage data centers find themselves balancing multiple challenges, including alignment of the IT Infrastructure to business needs, that requires fast and strategic decisions in dynamic environments and constantly improve SLA's & reduce costs.

The intersection of interrelated, Heterogeneous and Multi-Vendor Infrastructure objects hardware assets such as storage arrays, switches and servers; software assets like storage & server virtualization and Infrastructure services like data protection and disaster recovery; led IT Analyzer to build a new solution concept, aiming to address new IT challenges by realizing the increasing value and role change of IT services in the organization.

Customers adopting IT Analyzer's solution will be able to see an accurate and complete view of the IT Infrastructure environment based on information gathered from heterogeneous IT infrastructure layers and disciplines, normalized, correlated and consolidated into a business oriented and centralized view.

IT Management can confidently align with business priorities and support future business growth. IT Analyzer focuses on increasing time-to-value, giving IT management the visibility and control to manage business demands and respond to change. IT Analyzer enables IT organizations to capture and organize IT resource measurements from multivendor, heterogeneous IT infrastructures, analyzing the information to provide utilization, availability, performance and capacity intelligence.

Challenges

Organizations expect the IT department to align with business needs, supporting and driving new initiatives, justifying investments and managing costs. Unlike application services, IT departments are not equipped with Intelligence or Decision Support System (DSS) tools in order to address the following challenges:

- Measure, monitor and orchestrate interrelated IT Infrastructure objects
- Optimize allocation, provisioning and utilization of IT Infrastructure resources
- Consolidated view and correlation of IT Infrastructure assets and services
- Manage data protection and service availability potential risks
- Time-to-value, taking fast and right decisions supporting business needs
- Justify Infrastructure Investments, Improve SLA's whilst reducing costs

Business Benefits

By adopting the IT Analyzer solution, organizations will be able to:

- Speed time-to-value by taking advantage of a consolidated end-to-end view of the IT Infrastructure objects in the context of business services.
- Reduce data-center capital and operating costs while increasing IT agility, discipline consolidation and return on existing investments.
- Increase IT staff productivity and business agility by combining CIO's, IT managers, storage, system administrators and DBA's work into a common platform.
- Expose and anticipate data protection and service availability potential risks.

Solution

IT Analyzer is a pioneer of Intelligence and Decision Support System (DSS) solutions (Patent-Pending) for IT Infrastructure environments, empowering IT managers to control and maximize the IT contribution to the organization.

As companies face a need to an upgrade of their IT Infrastructure, either as a result of business requests that need to support new services or a need to optimize existing infrastructure when running out of IT resources, they encounter the following two main problems:

- Inordinate amount of manual effort from expensive domain experts working in their own silos with partial visibility, using non updated, in-accurate and non-correlated home-made tools, trying to understand whether there are enough Infrastructure resources available to support the change.
- Lack of appropriate software tools to help to see into all parts of the Infrastructure, vendor consolidation of discipline oriented service, correlation, effectiveness and real usage of IT infrastructure resources and services - highlighting possible broken chain of IT infrastructure resources that are not delivering true value and functionality to business services.

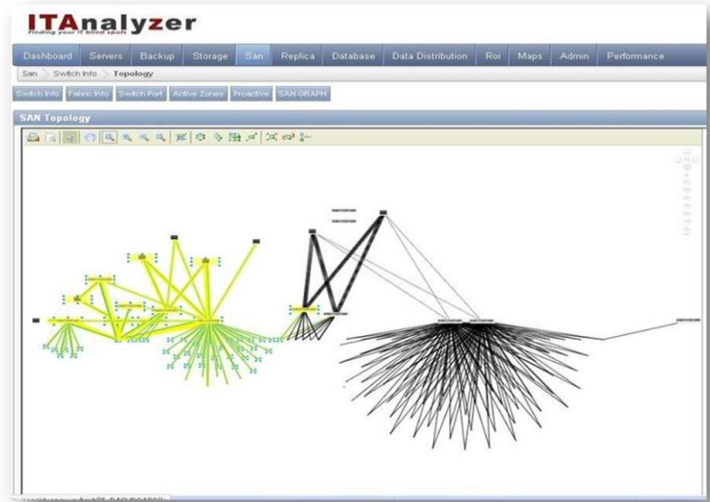
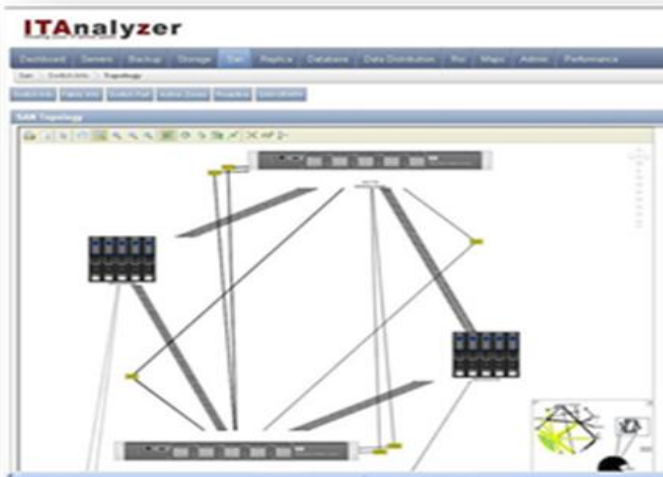
IT Analyzer's uniqueness and innovation is based on sophisticated analytical rules applied to information gathered from the IT Infrastructure objects and layers – discovering end-to-end provisioned Infrastructure objects that are not claimed nor used by a host, database, application or service , thus – providing no business value and wasting valuable resources. IT Analyzer exposes customers to potential risks in data protection, service availability and application performance and the interrelated consequences.

IT Analyzer brings a new concept that helps IT management focus on increasing time-to-value, providing multi-dimensional and cross functional visibility and control to deliver IT Infrastructure services that are aligned to business demands.

IT Analyzer delivers a cohesive solution that supports IT organizations to optimize its IT infrastructure assets and services combining cross-platform, heterogeneous, multi-vendor and multi-dimensional objects in the context of business services by implementing analytical rules and business Intelligence.

IT Analyzer allows companies to achieve full visibility of their IT Infrastructure, identify un-used objects and resources, map IT Infrastructure objects into business related resources, reduce overall costs, increase organizational agility, and improve IT stability, along with providing these additional benefits:

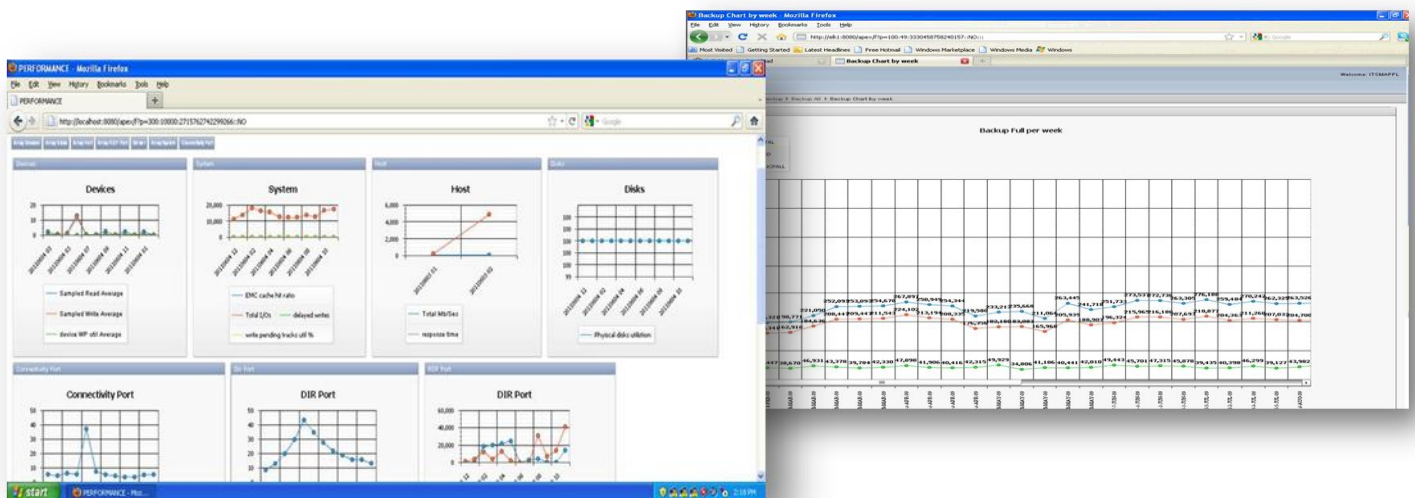
- **Measure and Correlate End-To-End IT infrastructure resources and services:**
IT Analyzer collects , centralizes, standardizes, normalizes and aggregates IT related information from IT Infrastructure assets and service objects such as disk arrays, FC switches/directors, physical and virtual servers, backup services and DRP systems, combining multi-vendor information, hardware and software objects, OS and 3rd party Infrastructure ISV solution, analyzing the links and interrelated objects of hardware and software layers providing full visibility of Infrastructure allocation, business context and usage, exposing over-provisioning, leftover object allocations, miss-configurations ,anomalies and dysfunctions.



- **Data Protection and Service Availability Risk Mitigation:**

IT Analyzer identifies end-to end connectivity, status and configuration of IT Infrastructure objects by crossing information between Internal storage array structures, front-end mapping; fabric connectivity, configuration and redundancy; physical and virtual Server, data copy services, multi-pathing, host-based storage virtualization, File Systems, and Databases.

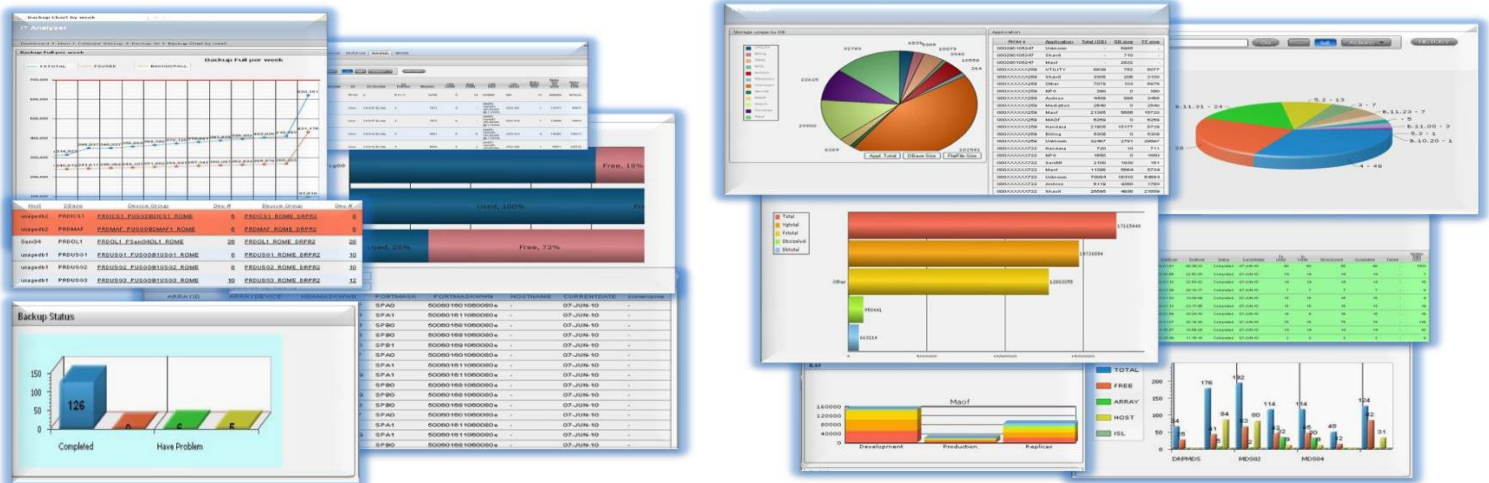
IT Analyzer provides proactive information on data and service availability risks by analyzing single point of failure scenarios such as disk spindle failure impact, single front -end storage port usage, fabric redundancy with single physical FC-switch, missing or partial multi-pathing redundancy with single or single-slot dual HBA, mount point configuration miss-correlation with HA systems and server change tracking.



- Optimization, and Functional Utilization of IT resources:**

IT Analyzer optimizes IT infrastructure resources by breaking end-to-end applications and services into related underlying hardware and software infrastructure objects, return on existing Investments, exposing cost weighting gaps on utilization of each infrastructure layer that supports business applications and services.

Customers will benefit from the postponement of upcoming Infrastructure purchases by the re-use and re-allocation of unused resources not mapped or linked to a functional application or service.



- Consolidated View and Control of IT Infrastructure Assets and Services:**

IT Analyzer integrates the IT Infrastructure resource allocation, service utilization, historical Information and trend analysis into a unified, consolidated and normalized view. IT Analyzer provides IT management and decision makers with the ability to get answers related to the IT Infrastructure resource utilization, business alignment, compliance status, capacity planning and the ability to justify investments.

IT Analyzer provides a common platform for LoB's managers, CIO, IT manager, storage, server, backup and database administrators to share information with efficient cooperation. IT Analyzer simplifies and transforms technical information into a business context, allowing IT managers to take fast and strategic decisions based on a real understanding of the IT infrastructure status.



Why ITAnalyzer?

ITAnalyzer changes the way IT delivers by simplifying every aspect of IT service with a singular focus on increasing time-to-value.

IT Analyzer is the pioneer of Intelligence and DSS solutions, empowering IT managers to control and maximize IT assets. Unlike existing tactical and disparate IT management tools, IT Analyzer's multi-dimensional analytics engine allows "IT professionals to see behind the scene", reducing operational costs, increasing operational efficiency, enhancing the quality of service and helps IT management to make strategic decisions about their IT environment.

IT Analyzer's team has earned their reputation based on hard work and many years in the market. IT Analyzer is a privately held company with headquarters in Israel and business reps around the world.

IT Analyzer's solutions are the result of approximately 4 year's development, combining an in-depth knowledge-base in IT Infrastructure and business expertise, unique "out of the box" approach, continuous R&D and the desire to build better management solutions for our customers. IT Analyzer's solutions are designed with the mind-set of an accurate, easy to use system. IT Analyzer's team are constantly working to enhance our products and improve every other aspect of our business.

For More Information

For more information, please visit www.itanalyzer.net

Contact us at info@itanalyzer.net