

Today's IT Management Paradigm

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Pablo Horenstein, IT Analyzer VP Pre-Sales
phorenstein@itanalyzer.net
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For further information please contact:

Info@ITAnalyzer.net
www.ITAnalyzer.net

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Today's IT Management paradigm

Experience shows that when customers are requested to make changes of heterogeneous IT Infrastructure environment as a consequence of a business request or a need to optimize existing Infrastructure when running out of IT resources - They encounter two main problems:

- I) Inordinate amount of manual effort from expensive domain experts working in their own silos with partial visibility, using non-updated, un-accurate and non-correlated home-made tools, then trying to understand whether they have enough Infrastructure resources available to support the change.
- II) Lack of appropriate software tools to help to see into all parts of the Infrastructure, Vendor consolidation of Discipline-oriented service and correlation of effectiveness and real usage of IT Infrastructure resources and services. This highlights possible broken chain of IT Infrastructure resources not delivering true value and functionality to business services.

These problems only seem to get worse as IT shops move towards dynamic and complex virtualized and cloud environments.

The desire 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, leads IT Analyzer to focus on the following characteristics:

- I) Accuracy and completeness of information, gathered directly from IT infrastructure objects.
- II) Analytic correlation and synergy between IT Infrastructure layers and disciplines.
- III) Consolidated view and business alignment of IT infrastructure objects and services.

IT Analyzer brings a new concept that will increase IT stability, increase IT efficiency by reducing IT costs through better use of resources and allowing management with confidence.

IT Analyzer empowers IT managers to control and maximize IT contribution to the organization.

IT Analyzer brings a new concept helping IT Management to focus on increasing time-to-value, providing Multi-Dimensional and cross-function visibility and control to deliver IT Infrastructure services aligned to business demands.

IT Analyzer uniqueness and innovation is based on sophisticated analytic rules applied on the information gathered from IT Infrastructure objects and layers - discovering End-to-End provisioned Infrastructure objects not claimed nor used by a host, database, application or service, thus providing no Business value and wasting valuable resources. It also exposes customers to potential risks of unprotected data, unavailable services and performance degradation.

IT Analyzer major solution technology Advantages:

- Cross domain and Multi Dimensional concept **Vs.** vertical and silo infrastructure solutions.
- Multi Vendor coverage with End-To-End context **Vs.** vendor-oriented with product focus discovery.
- Multi-disciplinary analytic correlation approach **Vs.** traditional silo management solutions.
- Consolidated view of IT Infrastructure status **Vs.** Disparate and non related management viewers .

Feature I: Measure and Correlate End-To-End IT Infrastructure resources and services

Description:	Benefit:	How we differ from others:
<p>IT Analyzer collect, centralize, standardize, normalize, aggregate and correlate IT-related information from different sources of IT Infrastructure asset and service objects as disk Arrays, FC-switches/directors, physical/ virtual servers, backup services and DRP Systems.</p>	<p>Full visibility of IT Infrastructure allocation, connectivity and usage, combining Multi-Vendor information, hardware and software objects, OS and 3rd party Infrastructure ISV solutions – providing real vendor-agnostic End-To-End view, multi-disciplinary correlation and influence</p>	<p>IT Analyzer combine static information as configurations and settings with active information as actual connectivity and processes results collected from heterogeneous Infrastructure assets and services, Analyzing the links and relations of hardware and software layers and providing unique information on Infrastructure allocation, business context and usage, exposing over-provisioning, leftover object allocations, miss-configurations, anomalies and dysfunctions.</p>

Feature II: Data Protection and Service Availability Risk Mitigation of IT infrastructure

Description:	Benefit:	How we differ from others:
<p>IT Analyzer identify End-To-End connectivity, status and configuration of IT Infrastructure objects by crossing information between Internal storage array structures, front-end mapping and distribution; Fabric connectivity, configuration and redundancy; physical and virtual Server HW/SW detailed information, high availability coverage, multi-Pathing, host-based storage virtualization, file systems, and databases with service context.</p>	<p>In-depth view and proactive information on potential data Protection and service availability risks, Identified by implementing rules analyzing scenarios as single disk spindle failure impact, single front end storage port usage, fabric lack of redundancy using same physical FC-switch, missing multi-Pathing links, implementing redundancy with single or single-slot dual HBA, miss-configuration of HA systems and server configuration change tracking,</p>	<p>IT Analyzer combine multi-vendor consolidation of IT Infrastructure layers, having a unique position to cross between massive information, connecting the dots and provide a holistic, discipline-oriented service, normalized from Multi vendors and Infrastructure layers. IT Analyzer consolidate and normalize Multi Vendor Data Protection and service availability solutions, correlate information and expose potential risks and anomalies.</p>

Feature III: Optimization and Functional Utilization of IT resources

Description:	Benefit:	How we differ from others:
<p>IT Analyzer optimize IT Infrastructure resources by Analyzing and breaking End-To-End applications or services into related underlining hardware and software Infrastructure objects, ensuring delivery of functional business value and identify orphans, leftovers, un-used resources and configuration issues.</p>	<p>Return On existing Investments, exposing provisioned IT infrastructure Hardware and software assets, not associated with any functional service, nor been used or claimed by any host, file system, database, application or service. IT Analyzer identifies cost weighting utilization of each infrastructure layer supporting business applications and services, allowing to Postpone upcoming Infrastructure Purchases by re-use and re-purpose of unused resources not mapped or linked to a functional application or service.</p>	<p>IT Analyzer consolidate multi-vendor and multi-disciplinary information using native and open tools as online queries, configuration file parsing and inventory discovery from Infrastructure layers as disk arrays, switches, servers, databases, backup, storage and DR systems; crossing information to obtain a chain of linked objects and applying Intelligent analytical rules, exposing unique findings of resource allocation and utilization of partial or no association to any database, application or service, providing no business value to the organization.</p>

Feature IV: Consolidated View and Control of IT Infrastructure Assets and Services

Description:	Benefit:	How we differ from others:
<p>IT Analyzer integrate IT Infrastructure resource allocation, service Utilization, discipline coverage, historical Information and trend analysis in a unified, consolidated and normalized view.</p>	<p>Provide IT Management and decision makers the ability to get answers related to IT Infrastructure resource utilization, business alignment, compliance status, capacity planning and future investments justification. IT Analyzer provide a common platform for the CIO; IT manager; storage, server, backup and database administrators to share information and manage an efficient cooperation, taking fast and right decisions.</p>	<p>IT Analyzer simplifies and transforms technical information into Business context, allowing IT managers to take fast and strategic decisions based on real understanding of IT Infrastructure status. IT Analyzer's uniqueness is based on consolidation of ALL IT Infrastructure resources and services in a single view with multi-disciplinary correlation and business context of storage, server, DB, backup and DR services</p>