



HYPERGLANCE INFORMATION SHEET

BESPOKE
DEVELOPMENT



HyperGlance is a unique and sophisticated software solution written by the Professor of Astrophysics at Cambridge University and a group of IT Professionals following the award of £1.3m in development funds from the UK Government. The software allows real-time visualisation of complex IT environments, including both physical and virtual networks in a 3D aspect.

Using this 3D model, real-time alerts and statistics can be displayed allowing businesses to view relationships between different information silos that in isolation provide little business intelligence. Thousands of devices and millions of data streams can be displayed in a single pane so users can zoom, rotate and navigate through a virtual representation of their world.

HOW DOES IT WORK?

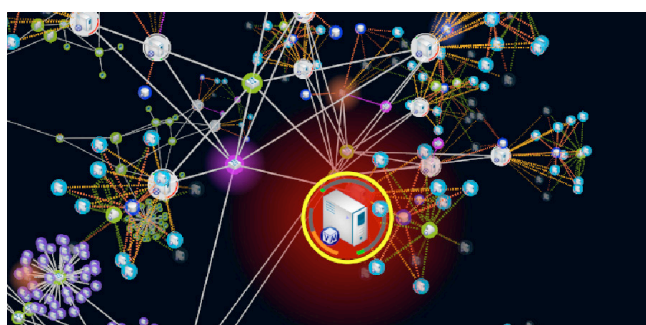
HyperGlance uses a complex physics algorithm to dynamically model physical, virtual and cloud based infrastructure. It can perform its own discovery or can aggregate data from existing management and security tools to create a 3D model. Overlaid on this model are performance metrics, security information and node attributes. Each user can define and filter their own views to correlate the data & dependencies that are relevant – at the same time – no matter what the original source of the data.

With this unique capability, Hyper Glance can dramatically reduce the time taken to manage complex IT environments as well as deliver preventative maintenance and security. It is unique in its ability to extract, combine and contrast different information streams to provide powerful management information that can give real competitive advantage.

WHAT ABOUT NON ICT BUSINESS DATA?

HyperGlance can be used to manipulate any data. As business systems and data grow and become increasingly complex, large organisations require the ability to aggregate and visualise management data to understand context. By overlaying metrics in a 3D model this breakthrough software enables businesses to gain crucial insights in key business areas using their own data.

For the first time, organisations can provide real time, visual representations to drive financial performance, understand sales opportunities, pre-empt challenges and improve SLA execution. As an example, Service Companies would be able to combine operational data to understand performance within client accounts. By combining financial data with KPI performance, viewers could better pre-empt possible challenges as well as understand the more successful contracts so best practice can be bench marked.



BENEFITS

Improve security by visualizing the correlation between intrusion detection and vulnerabilities to assist in business impact and risk assessments in critical business systems.

Understand the relationships between virtual and physical machines by showing the actual connections between them and real-time performance metrics for both.

Ensure compliance in Cloud Computing by providing users the ability to track where their data is stored and processed. Each user's ability to see into the cloud can be limited to just the infrastructure relevant to them.

Reduce downtime because the eyes and mind can correlate problems faster through visualization than by reviewing and correlating log files and error tables.

Avoid single points of failure and other common design errors by visualizing your infrastructure and enabling design walkthroughs.

Achieve sustainability targets by displaying power usage versus targets and grouping devices by the ownership of the targets. Show temperatures within devices to monitor cooling efficiency in your data centres.

Improve capacity planning and utilisation by showing utilization of resources over time within the context of related systems, the location of the systems, and the responsible line of business.

Help non-IT staff comprehend their infrastructure and how they use it by visualizing the resources they are using within the context of the entire IT infrastructure.

Make IT decisions based on business impact! All of these use cases illustrate the value of aggregating,

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