BT

BT Assure Analytics

Seeing the bigger picture

Increasing complexity and growth in data

The sense of a paradigm shift happening in the world of security derives from the growing complexity and volatility of the threat environment. To manage this threat, organizations acknowledge that they need a proactive security management system that can handle and act upon the huge and growing amounts of data being generated internally and externally.

If you can't see it, you can't defend against it

A simple principle underpins the BT Assure global Threat Management service – if we want to proactively manage and pre-empt attacks on our organization we need a clear understanding and visibility of the threats we are facing.

- **See:** visualize and profile unknown patterns, events and activities; visualize converged threats in one simple command centre
- **Connect**: correlate and act upon threat data gathered from voice and data networks
- **Prevent:** Dynamically control the network to detect and mitigate threats in real time.

Assure Threat Monitoring

Effective network security monitoring is all about catching the small problems before they escalate and adversely affect your business.

Our real time threat monitoring and correlation service enables us to monitor all devices across your network, to provide you with real-time alerts that halt attacks before they can cause serious damage.

A revolutionary view – Assure Analytics

We have now enhanced Assure Threat Monitoring to offer a powerful visual analytics layer. Assure Analytics is a revolutionary way to gain insight into security metrics by consolidating millions of data points into simple and intuitive graphical presentations which highlight trends, illustrate ways in which data is or is not related, and allow the user to drill down and extract the underlying detail as they go.

With Assure Analytics, visualisation is the start of the analysis process not the end as is the case with most business intelligence and analytics systems. This enables humans to be an integral part of the analysis process to spot those patterns that automated system would otherwise miss.

BT use artificial intelligence to automate the collection, organization and analysis of large amounts of structured and unstructured data, which then enables a holistic view of the global threat environment, and an enhanced view of how to manage the risk.

This innovative world class service is available to all existing and new BT Assure Threat Monitoring customers at no extra charge.

A graphical perspective

BT Assure Analytics provides a graphical view of real-time data. This enables you:

- to tackle issues of cyber security in less time and with less effort
- determine patterns and trends in your data that may indicate a threat to your company

For example, the Geolocation view (shown below) shows the source and destination of attacks in real time or based on historical data.

The information table at the bottom of the screen provides search functions that allow you to quickly locate the original log message and filter all events matching a keyword argument. Filtering with a specific key word or words, the Map View will show visually where attack sources, attack destinations, and the sensors reporting them, are geographically located.
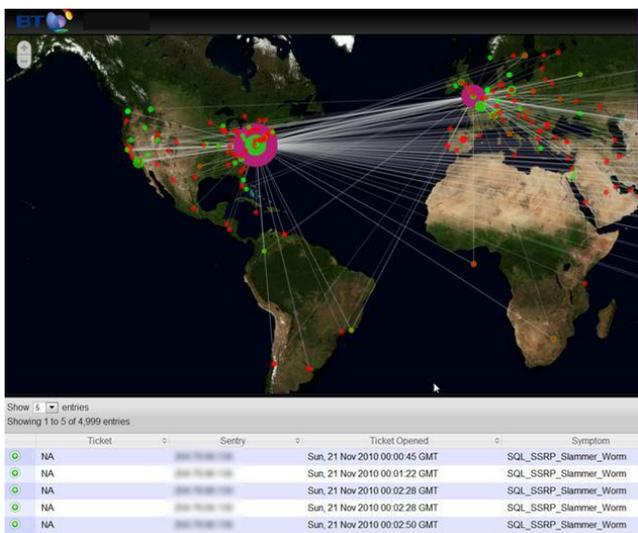
Assure Analytics: Geo-mapping showing source and destination of attacks in real time or based on historic data; size of circle indicates relative number of events
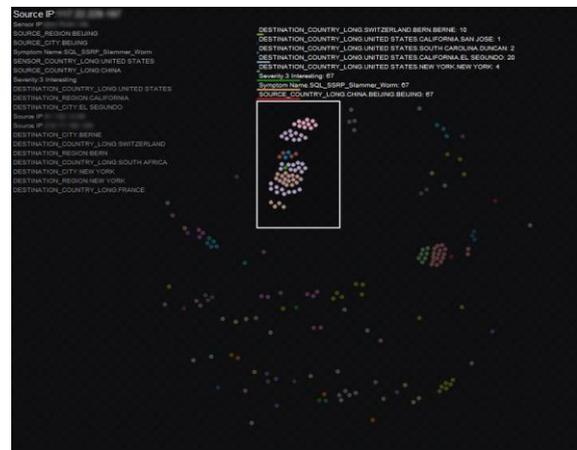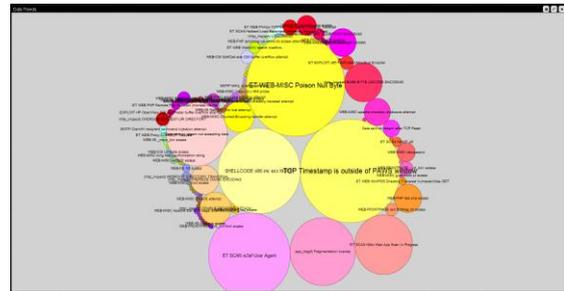
"Bubble" charts show frequency of attacks based on type/destination/source and other data attributes while Clustering shows similar events based on a mathematically determined likeness of event attributes.

Combining people, processes and technology to protect your network

Assure Threat Monitoring and Assure Analytics harness a team of highly-skilled and experienced analysts who employ proven processes and comprehensive security technology for incident detection and response, offering you a cost-effective approach to network security.

Why BT

Key role of human intelligence

Our philosophy is underpinned by a belief in the importance of human intelligence. No matter how advanced a technology, there will always be an attack that will get around it. This is where people enter the equation. No-one has more experienced and qualified security analysts who are able to recognise the bigger picture in the data than BT.

Security Operations Centres (SOCs)

BT has a network of 12 SOCs at different locations around the world, where customer devices are managed and monitored, and where our security analysts are on hand to provide real time support and response services to protect your networks. To provide the assurance of the highest quality of service, the SOCs are accredited and audited variously to ISO27001, SSAE16 and ISAE3402 and where appropriate to Government information assurance standards.

Breadth and depth of experience

Trust is one of the core values that drives BT's own business culture, and we believe it is fundamental to the choice of security partner for any organisation. We are one of the world's leading and most trusted security brands, derived from a set of credentials that have been earned over decades of experience in the field:
• We are one of the largest security and business continuity practices in the world, with over 1300 security professionals globally
• Our secure networking experience includes monitoring more than 300,000 customer devices from our Security Operations Centres around the world
• We have global analyst recognition for our achievement in delivering outstanding Managed Security Services globally to customers

Offices worldwide

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