

Knowledge

smart thinking from Data Integration



DATA INTEGRATION

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Universal Port: The Intelligent Way to Manage the Network Edge

With the launch of its Universal Port framework and Handset Provisioning Module, Extreme Networks is transforming the network edge. Powerful software that delivers new levels of intelligence, security and automation at the network edge, the Universal Port framework performs critical yet common network tasks that traditionally drain IT resources.

USB greatly simplified the way external devices connect to a PC. Universal Port does the same for the enterprise network. With its ability to provide powerful, automated and event driven connection management, devices such as phones, cameras or PCs can be dynamically added to the network without operator intervention and within pre-defined policy parameters.

For example the Universal Port Handset Provisioning Module works by automatically discovering IP phones, performing authentication and provisioning customised services, such as VLAN assignments and Quality of Service. Critical parameters related to access control, network topology, power and bandwidth allocation, and Quality of Service can be consistently configured on an event-driven basis, helping to reduce configuration errors and save time.

It can save anything from £25 to £40 every time a device is added, moved, or changed.

Without Universal Port, each of these events can cause an administrator to waste precious time diagnosing a problem, configuring a device, or provisioning a specific service. Pre-programming the network to discover, authenticate and provision services saves time and reduces configuration errors that can cause network downtime

Universal Port compares favourably to proprietary solutions which limit the types of devices that can be automated at the edge. Link Layer Discovery Protocol (LLDP) provides an innovative, industry standard for locating devices, but it is limited to a few handsets. Universal Port is the only management approach in the industry to discovering devices at the edge of the network, to authenticate users and provide a wide range of capabilities while still leveraging industry standards and an open philosophy.

Universal Port can reduce the complexity and labour associated with the deployment and management of connected devices, it can help with the adoption of IP convergence and facilitate basic security at the network edge - essential as the edge becomes more complex, the stakes get higher, and IT resources are continually scrutinised.



Win a top-of-the-range Sat Nav system!

Every reader that completes our online VoIP survey, sponsored by Extreme Networks, will be entered into a draw to win a C520T Sat Nav system from Mio Technology. The results of the survey will be published in our Autumn newsletter.



To take part in the survey visit: www.dataintegration.com/survey

VoIP Survey sponsored by Extreme

Already voted a Hot Buy by Stuff Magazine and Editors Choice by PDA Essential and GPS Advisor, the C520T is Mio Technology's top of the range portable sat-nav device. Based around a 4.3" widescreen display the C520T offers a unique split-screen view that provides exhaustive journey

information without sacrificing mapping detail. It includes integrated Traffic Message Channel (TMC) for real-time traffic reports, the latest Tele Atlas maps (2007.1) of 22 Western European countries as well as free out-of-the-box speed camera alerts. Current recommended retail price is £329.99.




For more information about anything in this newsletter, email info@dataintegration.com or phone 0844 561 0071.

Layer 7 Security -

Does your firewall do 'exactly what it says on the tin'?



 Although some firewalls claim to give you 'Application Layer' security - they may not be protecting you as much as you think.

SQL injections, cross-site scripting, Google hacking and database harvests. Do you know what they are and how to protect yourself from them? These common forms of application level attacks are increasingly being used to target web applications - usually to commit identity theft and fraud.

There have been a number of high profile cases where online banking and retail customer's details have been stolen as a result of application level attacks.

Many people think their firewalls protect them from application level attacks because they give Layer 4-7 protection. Layer 7 of the OSI model is the application layer where protocols like HTTP4 (for web applications) and SMTP (for email) sit.



However, many security devices that offer 'Layer 7' protection do not secure the actual applications that use those protocols - which could leave you worryingly exposed.

So what can you do?

We've put together a checklist to help you frame the issues.


Application security checklist:

1. Test security of web applications during development.
2. Audit security before the application goes live.
3. Think about your packaged applications (ERP, CRM etc)? How secure are they? Customers should demand that vendors build security into their applications.
4. If you're outsourcing application development - make sure you build application security into your SLAs and build in acceptance testing to screen the apps your supplier is building for you.
5. Sometimes it can be difficult to implement security within the application itself (particularly if it has already been developed). Consider offloading some application security to a network device such as F5's TrafficShield.

To find out more about application security go to www.dataintegration.com/products/F5/ and download the white paper.

Accelerate SAP Business Applications

High Performance Networks for Securing and Delivering SAP Applications.

 SAP business applications empower more than 38,000 companies around the world to respond quickly and decisively to dynamic market conditions, helping them achieve and maintain a competitive advantage.

To realise the full benefits of their SAP deployment, businesses and government agencies need to optimise the performance of their networks and overcome the obstacles posed by the distributed and extended enterprise. That means IT managers must neutralise the impact of latency and limited bandwidth on applications; eliminate the complexity and expense of the point products cluttering the data centre; and reliably secure operations

so that all users - local, remote and mobile - can access centralised SAP applications with confidence.

Juniper delivers high-performance network infrastructure solutions that provide SAP customers with a responsive and trusted SAP environment by:

- Accelerating performance over the WAN
- Improving response times for remote and mobile users
- Dramatically offloading server capacity
- Increasing security and availability
- Providing secure anytime, anywhere access




- Ensuring operational continuity in downtime situations
- Delivering complete visibility into SAP performance on the network

For more information about Juniper and SAP, read the High Performance Networks for Securing and Delivering SAP Applications white paper. Please email info@dataintegration.com for a copy.

Matching data to fishy behaviour

Varonis helps you achieve data governance by ensuring users have the right access to the right data.

 Data Integration has selected a new technology partner, Varonis, to help customers with issues of data governance and compliance.

According to Gartner, data governance is becoming “top of mind” for many organisations. With a system for data governance, IT departments can reduce the likelihood of confidential information leaving the organisation by ensuring need-to-know based access that is closely monitored and audited.

Varonis helps you to achieve comprehensive governance over the volumes of unstructured data on your file servers by giving you visibility and control over who has access to data and who should have access. It will show you exactly how to restore permissions to folders so that access is warranted and commensurate with business need. It also gives you the means to delegate data entitlement management to data business owners, relieving IT burden and placing control and accountability where it

belongs, with the people that have context for the data and its use.

To really understand how Varonis works, you need to see it in action. Please email us at info@dataintegration.com if you would like us to give you an online demo.

Data Governance Issues

You have volumes of files and folders on file servers. How do you...

- See who has access
- Control who should have access
- Audit use by individuals or data set

And what about those legacy permissions? How do you revoke...

- Permissions for people or contractors that have changed roles
- Inherited permissions that were inadvertently assigned
- “Everyone” permissions that are assigned by default

We can give exactly those controls without disrupting operations or business.



Visit us at these events:

Butler Group Remote & Mobile Application Delivery Strategy Briefing

4th September 2007, Central London



CONVERGENCE OF
VOICE, DATA AND VIDEO
OVER IP NETWORKS
Earls Court 2, London
16-17 October 2007

IP07


16-17 October 2007, Earl's Court,
London

www.ipexpo.co.uk

See: www.dataintegration.com/events

New customer portal

See what's happening with your support cases in real time.

 **Visualise** is the name for our new support portal that allows customers to open, monitor and update service requests directly with us. It also gives customers access to a repository of PDFs of maintenance contracts and other pertinent documentation that is integral to the support of their infrastructure. In addition our customers can generate their own reports to analyse the calls they've raised with Data Integration.

Another really useful function of the portal is the ability to search the history of your own calls for specific cases and text, so it can be used as a Knowledge Base specific to your products and environment.

Our mission is to be the most effective

security and infrastructure company providing services valued by our customers. Customers tell us that they value transparency in the way we support their business and they like having a single view of their support cases for all the products and services they have bought from us. Our **Visualise** portal gives you a direct view into our Support Centre system and helps to

avoid the feelings of frustration that can arise if you don't know what action your support partner is taking to resolve issues.

Data Integration provides a range of break-fix and proactive support services. If you would like more information about our range of services please email info@dataintegration.com



DATA INTEGRATION



Clientless Network Access Control



ForeScout alleviates the balancing act between productivity and security.

> ForeScout's network access control solution provides complete access control over any device connected or connecting to the network. With numerous soft and hard enforcement options, the network access control solution helps ensure user productivity while providing the highest level of policy enforcement and network security. CounterACT provides an unparalleled level of access control and policy enforcement over all devices connected to the enterprise network, regardless of whether they are company

owned (802.1x enabled or not), personal, or non-user based (i.e., printers, fax, VoIP phones, etc). This clientless, transparent system allows for non-disruptive deployment and appropriate enforcement of network policies. And, the ForeScout solution controls and enforces policies at the network level enabling enterprise wide scalability.

For more information see www.dataintegration.com/products/forescout

VoIP - What the industry doesn't tell you.

Data Integration Workshop at Mercedes-Benz World.

> It was great to see lots of our customers and new faces at our workshop at Mercedes-Benz World on the 28th June. The workshop, which was hosted by Data Integration in association with Extreme Networks, Infoblox, Fortinet and ForeScout, discussed issues that are often overlooked by the telephony vendors such as security and reliability of core network services.

Delegates at the event had the chance to admire the classic and performance cars on show at Mercedes-Benz World. Attendees to the event were entered into a prize draw to win a Mercedes AMG

Driving Experience. Simon Wilson of Private & Commercial Finance was the lucky winner.

The next Data Integration workshop is scheduled for October, so look out for details in your inbox and on our web site.



Find out more at www.dataintegration.com

