

WAVV 2010
Covington, Kentucky
a/k/a Cincinnati, Ohio

Maximizing Your Mainframe Investment

Can Your Mainframe Tweet?



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WAVV 2010
Covington, Kentucky - April 9-13, 2010

- Maximizing Your Mainframe Investment
Can Your Mainframe Tweet?

3rd Annual European IBM / GSE Conference 2008 for z/VSE, z/VM and Linux on System z
Dresden, Germany - October 26-28, 2009
Guide Share Europe

Click the link below to download a copy as a PDF

- Maximizing Your Mainframe Investment

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Discussion Points

- Why get the most out of your mainframe investment?
- Innovation at illustro – a “History of Firsts”
- New technology preview for WAVV 2010



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Maximize Your Mainframe Investment?...


- Decades of creating value through cash, time, people, training, users
- Alternatives all sounded “sexy”, but many realities have been less so
- 2008-2009 created unmatched pressure to do more with less



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Maximizing your Mainframe Investment

- IT is about services
- No one is using
- By taking it further and extending
 - Less cost
 - Less trouble
 - Less time



HAPPIER USERS!!!!

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illustro Systems International, LLC

- illustro – Latin for “enlightened” or “to illuminate”
- Focused on creating a different approach to mainframe technology to extend the life and acceptability of the mainframe
- New products, innovative services and new technology
- The people behind illustro represent some of the best known names in the VSE industry
- Long history of commitment to VSE
 - We own VSEESA.com and zVSE.com!



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illustro - A History of Firsts...



- **First** company in the world to deliver TCP/IP connectivity for VSE customers (1992 - OCS TCP/IP)
- **First** company in the world to deliver a native 3270-to-Web solution for VSE customers (1997 - z/Web-Host®)
- **First** to deliver important AJAX Web-enablement for *mainframe* users (2007 - z/Web 2.0™)
- **First** company in the world to deliver a SSL (secure TCP/IP) solution for VSE customers (2000 - iC.Y.A.™)
- **First** company to offer one-price, unlimited systems support services (2009- iManage Sys™)
- **First** and *only* company to deliver a comprehensive management tool for all TCP/IP stacks (2008 – z/IPMon®)



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WAVV2010-7

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Registrar and Transfer Company
Professional Stock Transfer Services Since 1899



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 Manage™ <small>We Manage. You Relax.</small>	 Services Description
<ul style="list-style-type: none">■ Industry's First "All-you-can-eat" flat-rate for VSE and VM services■ No limit on support, projects, migrations etc.■ Services performed either remote or on-site at no additional cost■ Monthly management meeting to review progress and set priorities■ 24 x 7 x 365 coverage – no vacations, no holidays■ Use to offload projects, for backup, or for staff augmentation■ <u>U.S. or international coverage</u>	

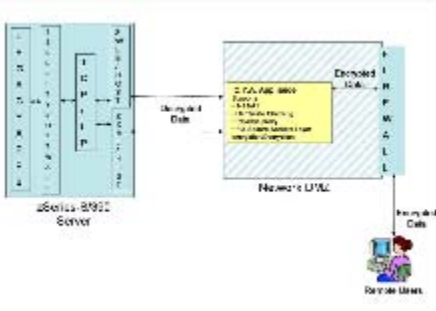
The slide contains a table with two columns. The first column has the 'Illustrate Manage' logo and tagline. The second column has the 'Illustrate Services' logo and the title 'Services Description'. Below the table is a bulleted list of seven service features. The bottom of the slide includes the 'Illustrate' logo, copyright text, and the code 'WAVV2010-10'.








Network Security

- Secure Internet Appliance
- Full SSL capabilities
- Shields the mainframe from direct access
- Supports multiple devices/services simultaneously
- Live, online demo at illustro.com/icya






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Product Description

New dog, new tricks!





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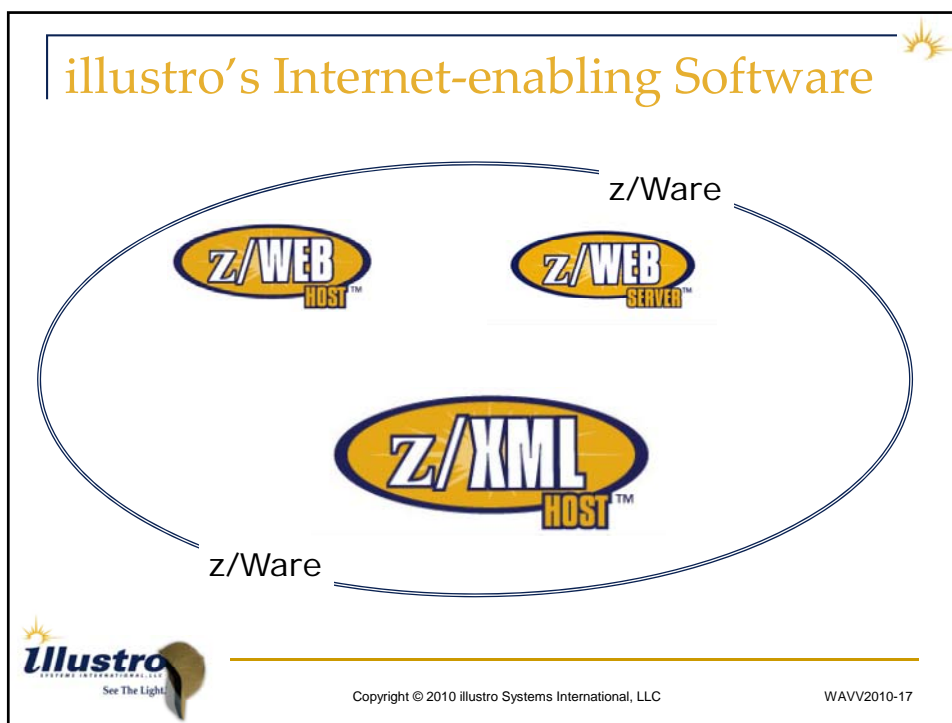



IProducts

- Feature: All native mainframe software
- --Benefits:
 - Re-use existing hardware, software, staff
 - No additional platforms, people needed
- Feature: We use only our software
- --Benefits:
 - More stable software, only 1 place to fix
 - Better performance, easier troubleshooting



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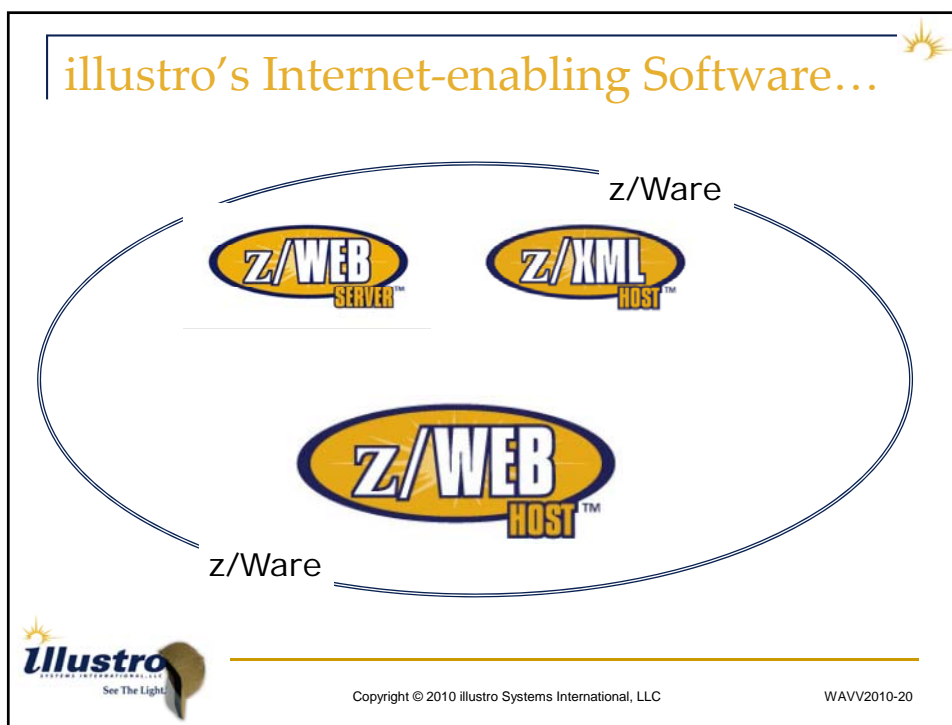




- Transform *any* 3270 application data into industry standard eXtensible Markup Language (XML) document
- XML documents allow for data to be shared across data, system and processing architectures and environments
- Implement Web Services capabilities; allow your mainframe to participate in a Service Oriented Architecture (SOA)
- No changes required to any existing application
- Open your mainframe data and applications to Java, .Net, even Microsoft Office


Product Description

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KICK ME.



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Just... wait. Shh! Here, if you continue to use the old 3270 interface, you might need to find a board and a server market. Yet 3270 screens make your use a "think" you are using outdated technology. They expect an up-to-date interface as they is at might take their business elsewhere. So if you can't transform your 3270 screen quickly, you're going to need to pay so unfortunate a loss.

With z/Web-Host™ you can transform any 3270 application into a web-based interface that anyone can access and understand with just training. And as the first solution to deliver AJAX support for mainframe applications, z/Web-Host can even transform your interfaces so they first be like a Windows application or all from a Web-browser.

Avoid spending too long in a queue. Stop your zWebHost.com/canboard today and expect a free demo of this software. We'll even build a prototype of one of your applications absolutely FREE... within one week!




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Benefits

- Grants instant access to existing application systems
- Uses standard browser interface
- Instantly transforms 3270 application to intuitive, Web-browser interface
- Saves money by eliminating platform migration, application re-write
- Makes mainframe applications like any other




Product Description

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Customer Prototypes

<http://illustro.com/zwebhost>

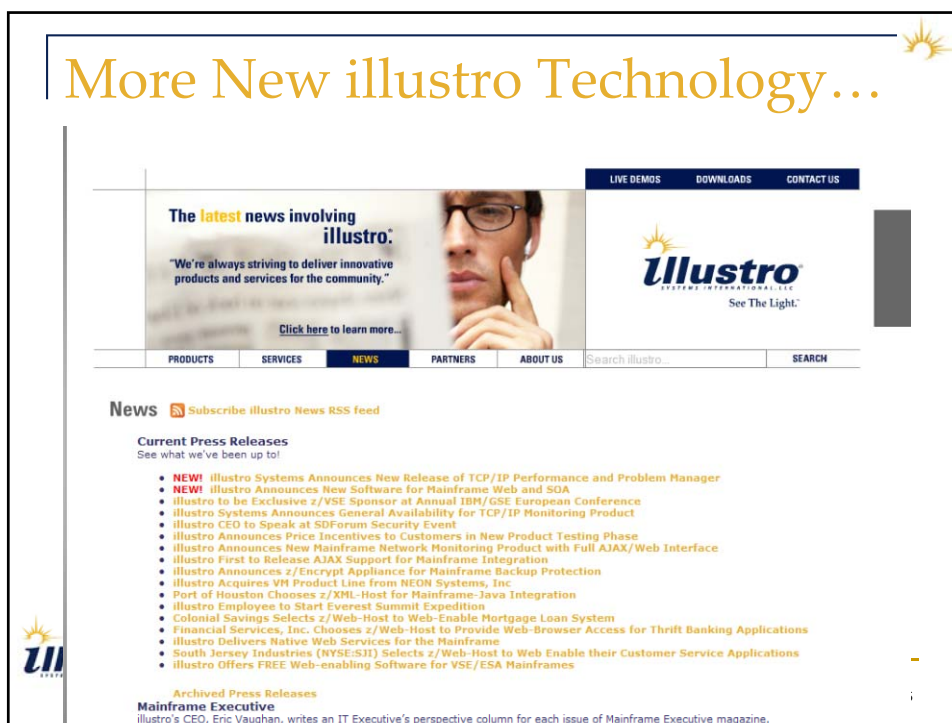


The screenshot shows the z/WEB HOST product page. It features a navigation bar with links like 'Home', 'Products', 'Pricing', 'Support', 'Contact Us', and 'About Us'. The main content area is titled 'Products' and describes z/WEB HOST as 'Easy and Powerful Web-Enabling for your 3270 Apps'. It includes a 'Download Brochure' button and a 'Watch Commercial' button. Below this, there is a section titled 'z/WEB HOST' with a description of the product and its benefits. The bottom of the screenshot shows a 'Testimonials' section with a table of customer feedback.

Transform your Applications to the Web -- Now with AJAX Support!

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More New illustro Technology...



The latest news involving illustro.
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News

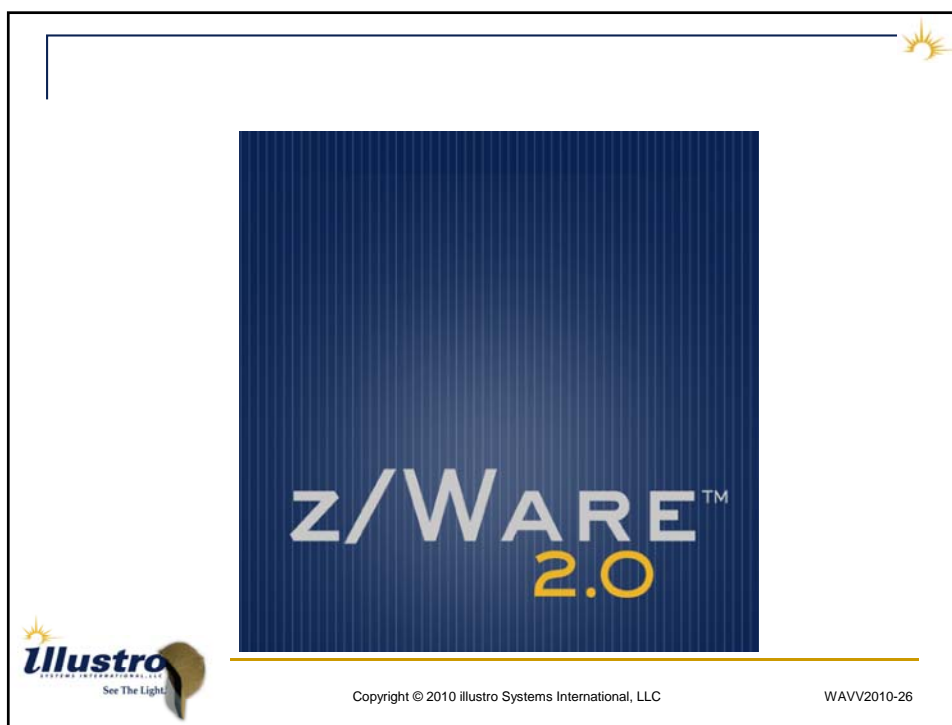
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Current Press Releases
See what we've been up to!

- **NEW!** illustro Systems Announces New Release of TCP/IP Performance and Problem Manager
- **NEW!** illustro Announces New Software for Mainframe Web and SOA
- illustro to be Exclusive z/VSE Sponsor at Annual IBM/GSE European Conference
- illustro Systems Announces General Availability for TCP/IP Monitoring Product
- illustro CEO to Speak at SDForum Security Event
- illustro Announces Price Incentives to Customers in New Product Testing Phase
- illustro Announces New Mainframe Network Monitoring Product with Full AJAX/Web Interface
- illustro First to Release AJAX Support for Mainframe Integration
- illustro Announces z/Encrypt Appliance for Mainframe Backup Protection
- illustro Acquires VM Product Line from NCCO Systems, Inc.
- Port of Houston Chooses z/XML-Host for Mainframe-Java Integration
- illustro Employee to Start Everest Summit Expedition
- Colonial Savings Selects z/Web-Host to Web-Enable Mortgage Loan System
- Financial Services, Inc. Chooses z/Web-Host to Provide Web-Browser Access for Thrift Banking Applications
- illustro Delivers Native Web Services for the Mainframe
- South Jersey Industries (NYSE:SJI) Selects z/Web-Host to Web Enable their Customer Service Applications
- illustro Offers FREE Web-enabling Software for VSE/ESA Mainframes

Archived Press Releases
Mainframe Executive
illustro's CEO, Eric Vaughan, writes an IT Executive's perspective column for each issue of Mainframe Executive magazine.

z/WARE™ 2.0



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z/WARE™ 2.0

Unless you're pulling a rabbit out of one to quickly and effectively **Web-enable your mainframe applications** - it's time to remove them, all. It's important to transform your trusted mainframe applications into a Web-enabled or Web-services version that the rest of the world can use and understand. But with IBM's HATS, there are too many moving parts and steps required - so it might be a long time before you see any real results!

Does IBM's HATS Product Have You Wearing Too Many Hats?

That's why you need illustro's zWare™ 2.0 solution now. The technology in zWare was the very first to provide mainframe-resident, Web transformation capabilities for your z/OS and zVSE applications, years before HATS was even announced! This means we are market-proven as a simple, yet powerful solution you can deploy in weeks, not months or years. Integrate your data from MS-SQL, Oracle or other databases, exchange data between your Java or .Net applications - even have your mainframe **tweet its status to Twitter!**

Download zWare from illustro.com/homezware TODAY and we'll even build a proof-of-concept with one of your applications absolutely FREE, and see why our customers have succeeded for the last 10 years where others have failed.


zWare 2.0. Good Decision. HATS off to you.

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Call Steve H. G. and Executive: **800.4.ILLUSTRO (800.445.5878)** or **+1.214.888.0588** illustro.com

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z/WARE™ 2.0

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WAVV 2010
Covington, KY

Benefits

z/WARE™
2.0

- Easy Internet-enablement for your mainframe applications
 - ❑ 3270 applications
 - ❑ CICS COMMAREA applications
 - ❑ Batch applications
- Provides both Server and Client functionally
 - ❑ HTTP & SOAP Server
 - ❑ HTTP, Web Services and TN3270 Client



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Benefits

z/WARE™
2.0

- Server Requests
 - ❑ By browser clients for HTML applications
 - ❑ By user written programs for any data format
 - Off-platform programs (.Net, JAVA) using TCP/IP and HTTP
 - Mainframe programs running on same system using local API
 - ❑ No TCP/IP required



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Benefits

z/WARE™
2.0

■ Client Requests

- Any type of request sent to external HTTP Servers with response data returned
 - Send data to a remote server (orders, reports)
 - Request data from the remote server (inquiry, SQL database lookup)
- Web Service requests to external SOAP Servers with response data returned



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Benefits

z/WARE™
2.0

■ Data formats returned by a Server request

- Templates allow dynamic combination of variable data with constant data
- Document facility allows creation of documents in storage to be returned from the request
 - HTML
 - XML
 - Other data formats



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User Coded Scripts

z/WARE™
2.0

- Free-form simple statements
 - Data manipulation
 - Logic flow
 - User variable assignments
- Stored as library members and loaded into storage at startup or by operator command
- Utilized in several ways
 - Web Screen customization for 3270
 - COMMAREA Events
 - Standalone



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3270 Applications

z/WARE™
2.0

- Web-enable any 3270 application
 - CICS and non-CICS applications
 - No program changes required
 - Automatic 3270 to HTML conversion
 - Complete page redesign and navigation redesign
 - Use any HTML editor tool to develop templates
 - Web 2.0 (AJAX) techniques can be used



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Covington, KY
April 9-13, 2010



AutoData Norge AS

25. 10. 2007



es

Ajourhold Av Kunde Og Leverandørarkiv
Kundeinformasjonen
Søking På Kunde
Logg Ut
test VALF
test RES*
18:29:36




Søking På Kunde

Alfa:
 Navn:

Postnummer/Kjedaelfa:
 Vareadr:

Alt. reskar:

Vis: 10 Injer

Resknr	Resk.-Navn	Pb.Adr Navn 2	Pnr.	Poststed
113006	A.B. MOTOR AS		7223	HELHUS
100970	A.S AUTO-MATERIELL	POSTBOKS 504	3412	LIERSTRAND
117034	AA DELESERVICE	JON OLAV AA	7206	HEFHE
100076	AADEN BIL AS		7580	SELBU
114081	AARNES AS AMERIKANSKE BILDELER		1740	BORGENHAUG
114008	AAS & HYGGAARD		671	OSLO
100067	AAS BILVERKSTED, ERIKSEN A/S	POSTBOKS 108	1431	ÅS
104005	AASEN BIL & LANDBRUK		3630	RØDBERG
107020	AASEN BIL-DEHONTERING A/S	V/JOHNY AASEN	6062	BRANDAL
115096	AASEN BILVERKSTED AS		6065	ULSTEINVIK

Viser 1 til 10 av 230 linjer

Postboks 145 Vollenbekk, 0520 Oslo - Besøksadresse: Østre Akervei 61, 0582 Oslo - Telefon: 23 17 20 30 - Fax: 23 17 20 50

30 ÅR 1979-2009

AutoData Norge AS

25.10.2009 18:35:04

Ajourhold Av Kunde Og Levranderarkiv | Kundeinformasjon | Søking På Kunde | Logg Ut

Ajourhold Av Kunde Og Levranderarkiv - 113006

TAST ENTER FOR Å OPPDATERE / AVSLUTTE.

Kundeinformasjon

Reskontronnummer: 113006 Enter

Grunnleggende Selgere Vareadresse Skjermbilde

Navn	A.B. MOTOR AS	Regnskapsavdeling	
Email	ALBERT@ABMOTOR.NO	Merknader	
Telefonnummer	72870610	Ekstern Nummer	
Telefax Nummer		Fakturerings Sekvens	<input type="checkbox"/>
Ean Lokasjonsnummer		Faktura Utskrifts måte	<input type="checkbox"/>
Organisasjonsnr			
Kontaktpersonen 1	ALBERT BRONSTAD		
Kontaktpersonen 2			

Postboks 145 Vollebekk, 0520 Oslo - Besøksadresse: Østre Akervei 61, 0582 Oslo - Telefon: 23 17 20 30 - Fax: 23 17 20 50

CICS COMMAREA Applications

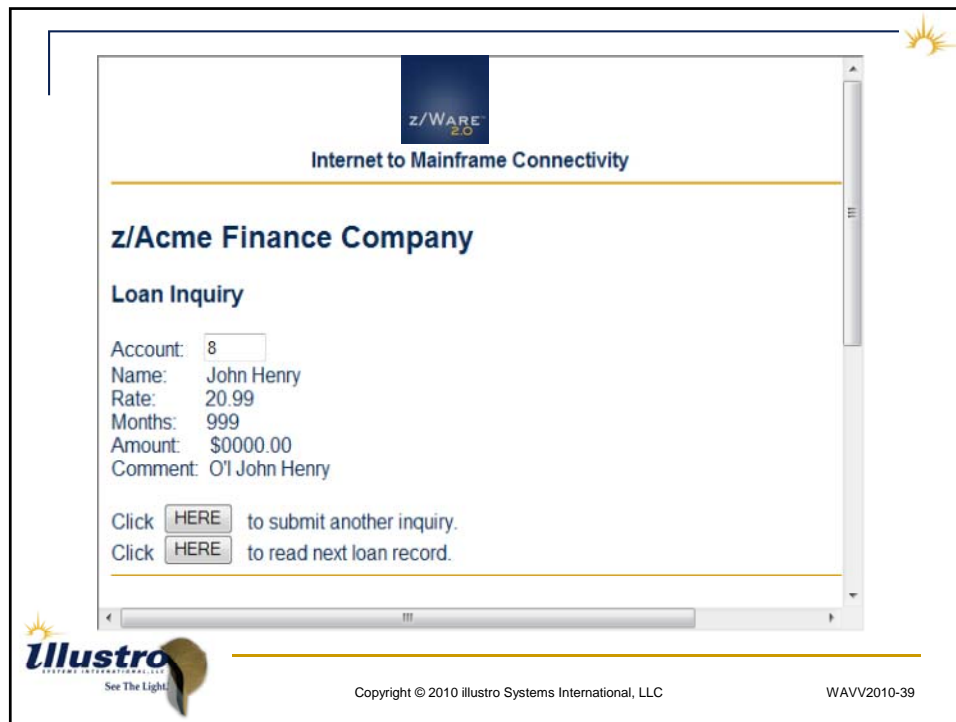
Z/WARE™
2.0

- Non-3270 interface
- Direct program invocation by server
 - Called by script
 - COMMAREA built by script and passed
 - Updated COMMAREA returned to script
- COMMAREA Event invoked by CICS app
 - Server receives passed COMMAREA
 - Executed script updates COMMAREA



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Batch Applications

- Local system API
 - Extends COMMAREA Event support to batch
 - Executed script updates COMMAREA
- REXX interface for quick and Easy implementation
- No TCP/IP or Sockets programming



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Twitter Demo

z/WARE™
2.0

- Fun but practical demonstration of the capabilities of z/Ware
- Sends system status updates to the social networking site Twitter from batch jobs
- Implemented in JCL using the REXX interface



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Twitter Demo

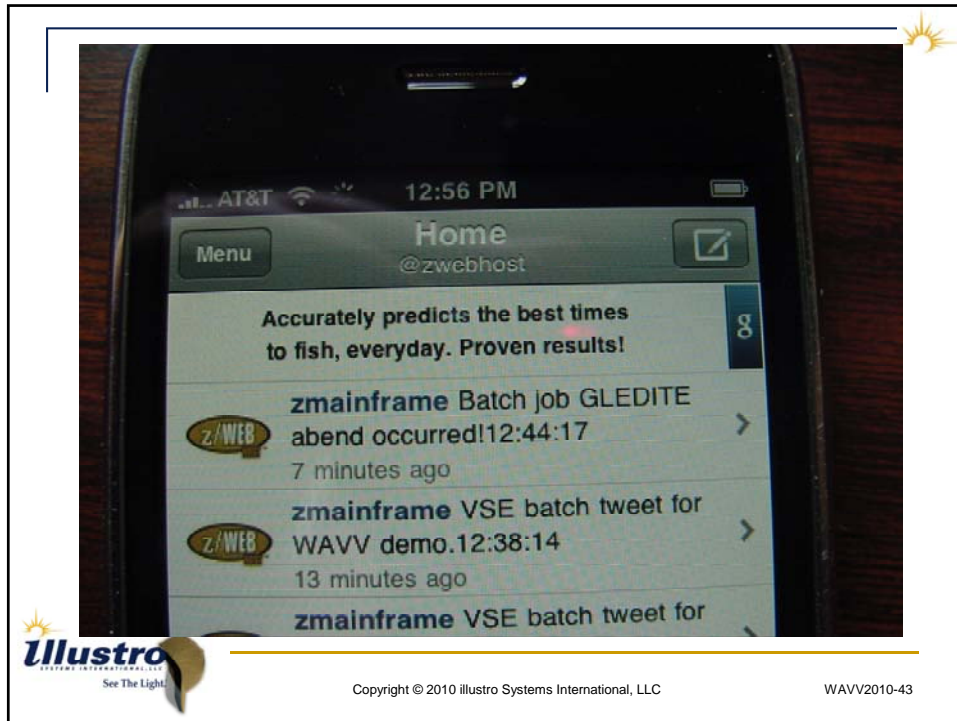
z/WARE™
2.0

- COMMAREA Event from batch API sends HTTP requests to twitter.com using their REST API
- To monitor the status of your system in Twitter terminology:
 - "follow your mainframe" on your cell phone
- Demo sends "Tweets" to the Twitter user id zmainframe



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Wrap Up

z/WARE™
2.0

- Easy Internet-enablement of your mainframe applications
- Come talk to us at the Expo for additional demos and technical conversations
- If you have specific enabling requirements, let's discuss it
- More to come in newer releases, let us know what you need



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WAVV2010-44



Customer Testimonials!!

- Ken Ripple, Honeywell Security
- Loni Moen, Michael Oja, Terex Telelect
- Phil Sladek, Pam Baechel, Republic Storage Systems
- Steve Sheerin, Clark Public Utilities
- Marco Gardini, Fratelli Carli, Italy






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TCP/IP Critical for VSE Users

- ☑ For most customers it is THE network interface
- ☑ Software and concepts are complicated
- ☑ VSE systems support wears many hats and cannot specialize
- ☑ Can't afford to be down
- ☑ Have tried almost anything to fix problems...





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Exciting News for VSE Users!!

- New software aimed at easing the pain
- De
- gr
- Ex
- Re
- interface



New Release
2.0



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WAVV2010-47





- Comprehensive monitoring tool for TCP/IP for VSE – (IBM,BSI or Connectivity)
- Revolutionary interface using AJAX/Web design
 - No 3270 interface
 - Important because *any* network personnel can use
 - First mainframe product in the world to feature *only* a 100% AJAX interface



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WAVV2010-48





SEE WHAT YOU'VE BEEN MISSING.™


- Provides live, dashboard interface for all network activity
- Alert interface for notification of critical events
- Retrospect™ feature replays archived data
- Complete, formatted packet trace facility for diagnostic use
- TCP/IP Command Interface




See The Light.™

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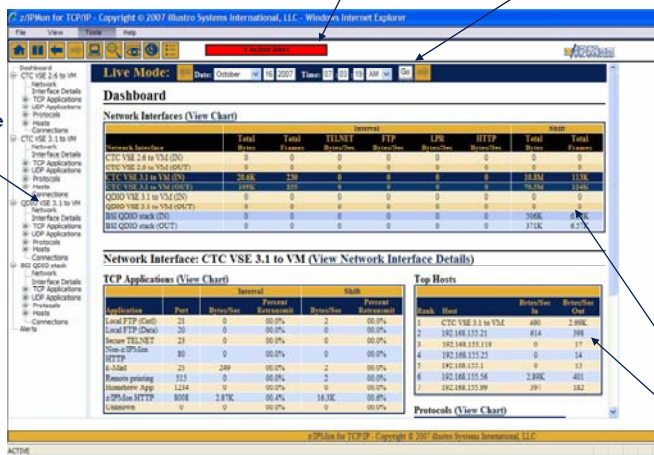


SEE WHAT YOU'VE BEEN MISSING.™


Monitor for Alerts

Time of display
(live or Retrospect™)

Expandable Tree Structure



Drill down into any field



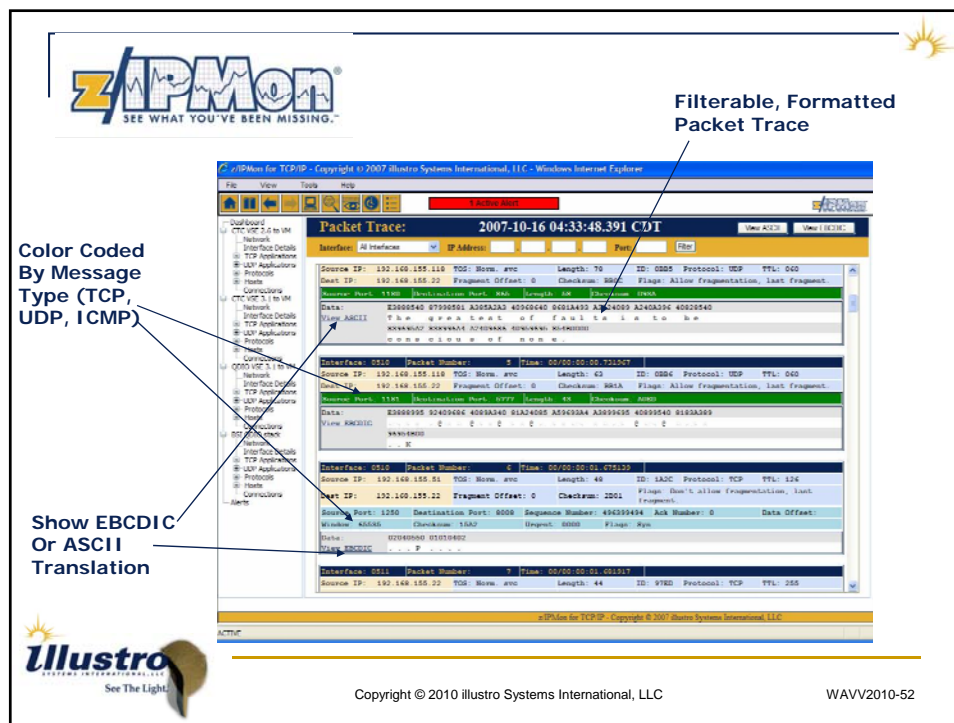
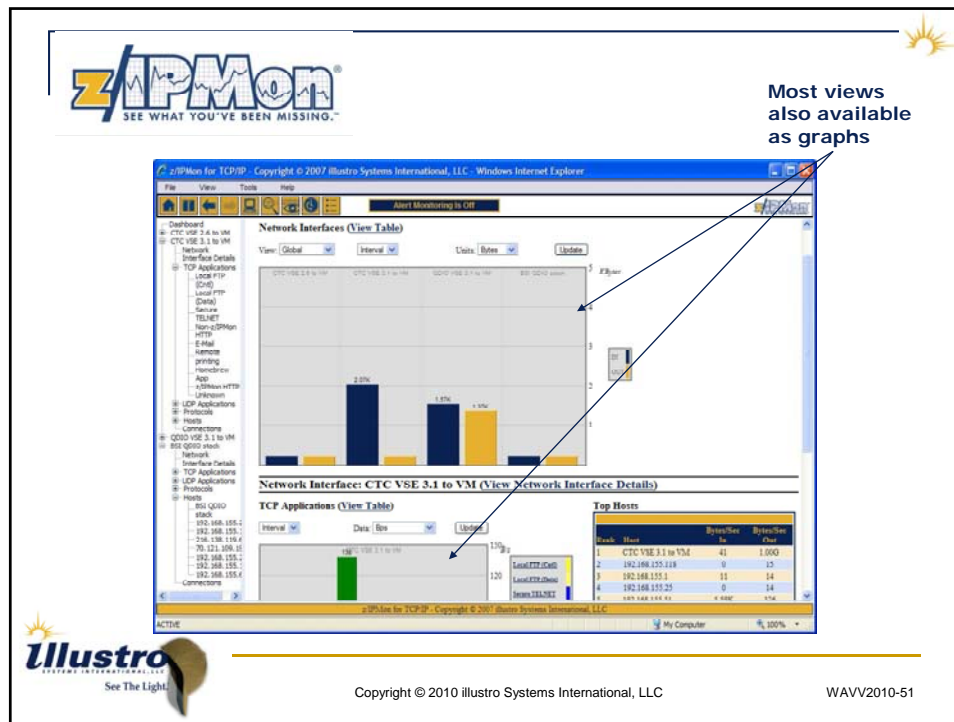
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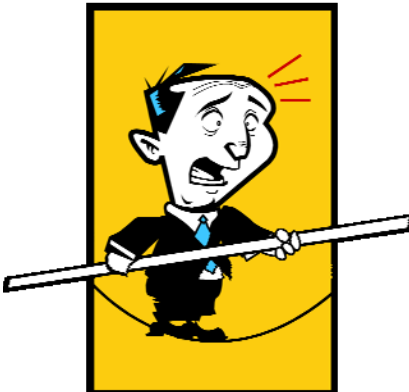
- Significant New Release less than 1 year after Release 1.0 GA
- New Advisor™ Feature
- New z/IPUtil Report Writer
- Packet Trace Support for Wireshark Output
- Improved Alert Management
- Others!




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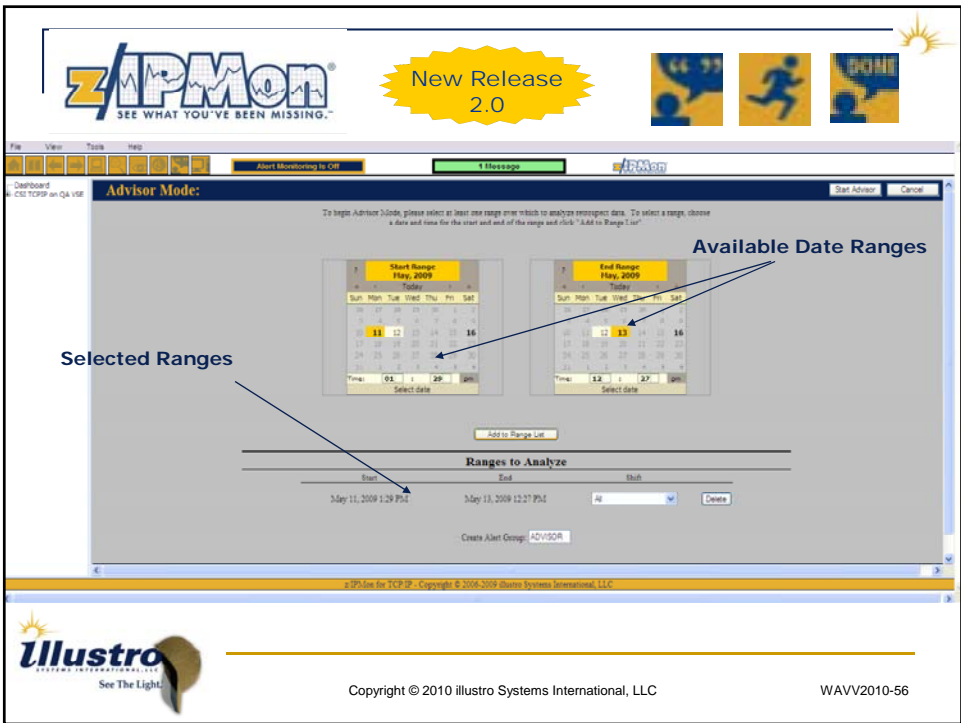


Live Demo!!



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WAVV2010-54



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New Release
2.0


Monitoring TCP/IP
Storage



The screenshot displays the 'Network Interface Storage Details' section of the z/IPMon software. It includes a table with columns for 'Interval' and 'EMR'. The table lists various storage metrics such as '24-Bit Storage Defined', '24-Bit Storage In Use', '24-Bit Storage Free', and '24-Bit Storage Percent Used'. The 'EMR' column shows values like 11.45M, 1.53M, 9.89M, and 13.4%.

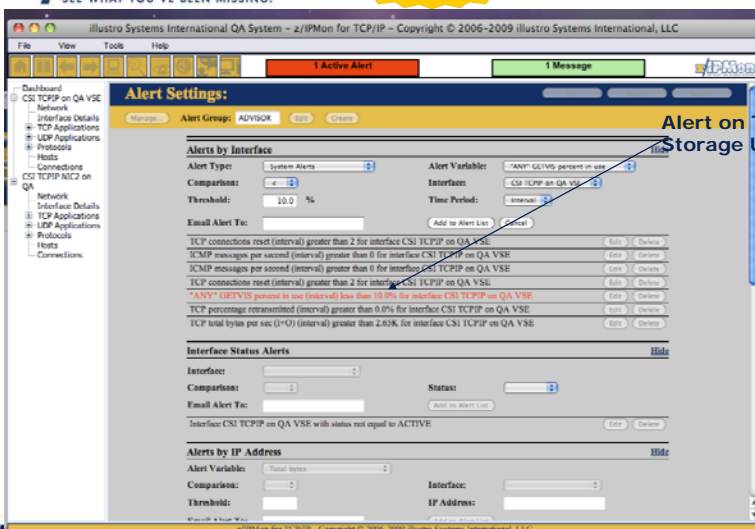
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WAVV2010-57



New Release
2.0

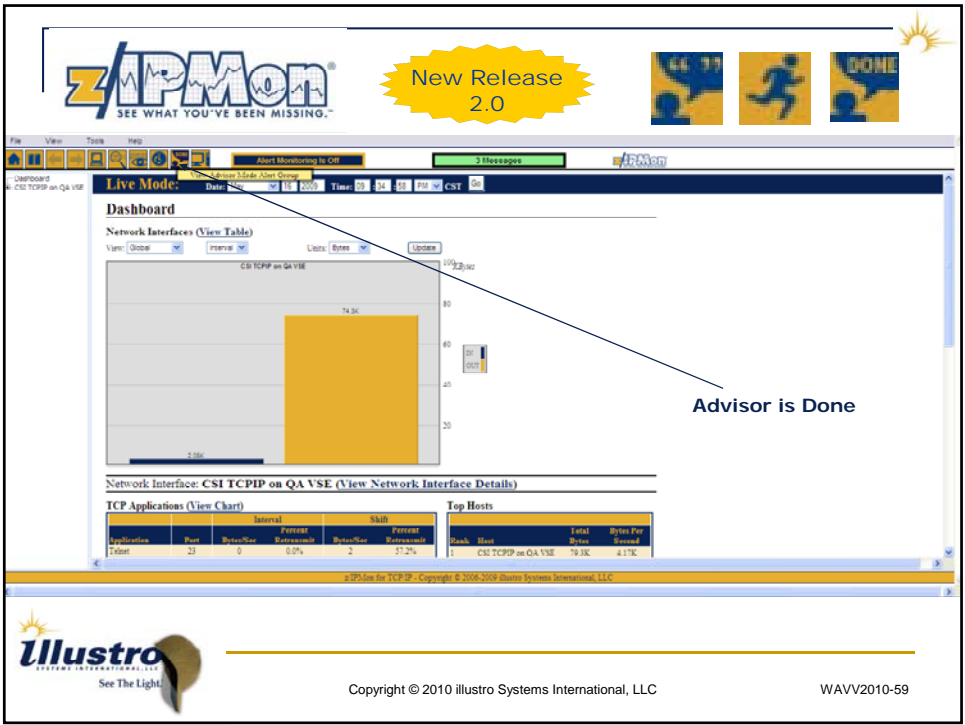
Alert on TCP/IP
Storage Usage



The screenshot displays the 'Alert Settings' window in z/IPMon. It shows configuration options for 'Alerts by Interface' and 'Interface Status Alerts'. The 'Alerts by Interface' section includes fields for 'Alert Type', 'Comparison', 'Threshold', 'Email Alert To', 'Alert Variables', 'Interface', and 'Time Period'. The 'Interface Status Alerts' section includes fields for 'Interface', 'Comparison', 'Status', and 'Email Alert To'.

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April 9-13, 2010



The screenshot displays the z/IPMon software interface. At the top, there is a banner for 'New Release 2.0'. Below this, the main window shows a list of network connections. A dialog box is open in the center, asking for confirmation to open a file. The dialog box has 'Yes' and 'No' buttons. To the right of the dialog box, there is a Wireshark icon. Below the screenshot, there is a logo for 'illustro' and the text 'Click to open Wireshark'. At the bottom, there is a copyright notice: 'Copyright © 2010 illustro Systems International, LLC' and a reference code: 'WAVV2010-63'.

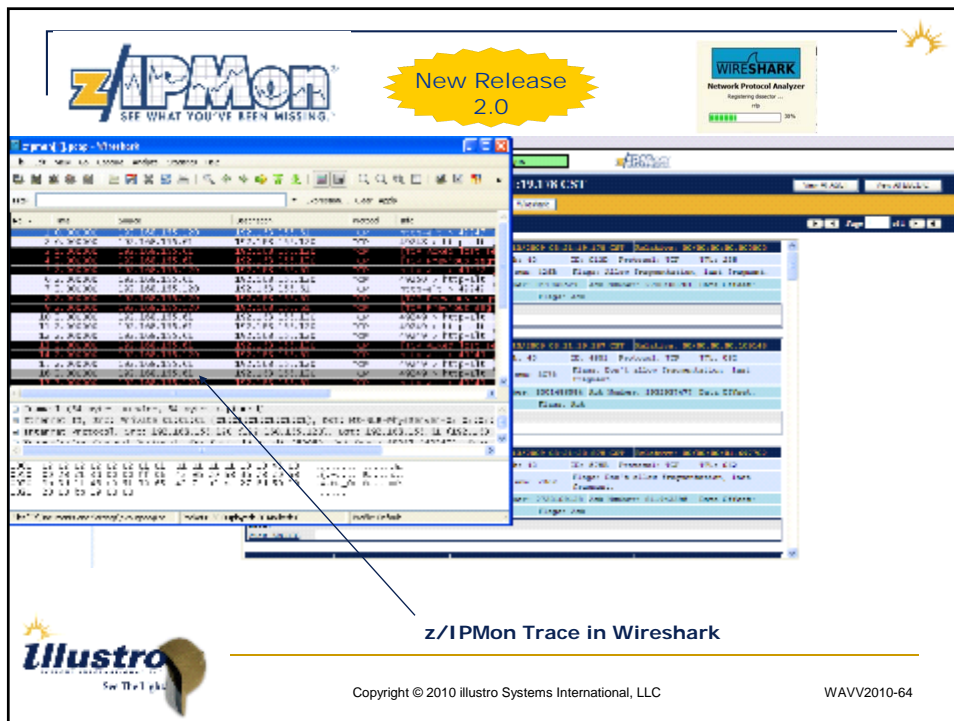
z/IPMon
SEE WHAT YOU'VE BEEN MISSING

New Release 2.0

Wireshark
Network Protocol Analyzer

Click to open Wireshark

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The screenshot displays the z/IPMon software interface. At the top, there is a banner for 'New Release 2.0'. Below this, the main window shows a list of network connections. A dialog box is open in the center, asking for confirmation to open a file. The dialog box has 'Yes' and 'No' buttons. To the right of the dialog box, there is a Wireshark icon. Below the screenshot, there is a logo for 'illustro' and the text 'z/IPMon Trace in Wireshark'. At the bottom, there is a copyright notice: 'Copyright © 2010 illustro Systems International, LLC' and a reference code: 'WAVV2010-64'.

z/IPMon
SEE WHAT YOU'VE BEEN MISSING

New Release 2.0

Wireshark
Network Protocol Analyzer

z/IPMon Trace in Wireshark

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SEE WHAT YOU'VE BEEN MISSING.™

■ Customer Testimonials!!

- Sherry Everhart, Chris Behrends,
Mid-America Computing
- Brad Davies, Bob Johnston,
Western Reserve Group
- Marco Gardini, Fratelli Carli, Italy







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WAVV2010-66



- Product Roadmap
 - 2 supplemental releases since GA in June 2008
 - New Response Time Data
 - Additional filters on packet trace
 - Next Major Release – **DELIVERED!**
 - New Advisor™ Feature – will tell you when there is something wrong
 - Report writer – data dictionary based so you can write any report with any fields
 - Full Wireshark interface
 - TCP/IP storage monitoring and alerts



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WAVV2010-67



- Product is currently in General Availability (GA) Status, Release 2.1
- Available for Free Trial at <http://zipmon.com/downloads>
- Log on to a LIVE, running system at <http://zipmon.com/demos>
- Hands-on demo outside at the illustro exhibit



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More from Your Mainframe

- Trusted, working applications look and function like brand new
- Use interfaces the “university crowd” wants
- Full interaction with other platforms
- AJAX/Web for Network engineers everywhere
- Quicker, easier, less costly solutions



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Old dog, new tricks!



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