



GSX Monitor & Analyzer

When end-users performance...
...Matters!



About GSX Solutions



- Founded 1996, Headquartered in Switzerland
- Offices in USA, UK, France, Switzerland, China
- Indirect channel across more than 40 countries

600 customers
In **40** countries



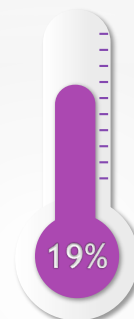
GSX Solutions at a Glance



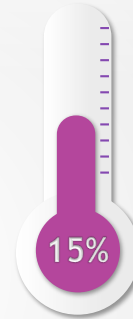
+ 30% of Fortune 500 are customers



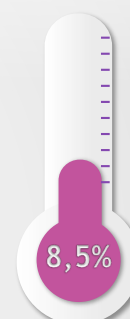
Banking Insurance



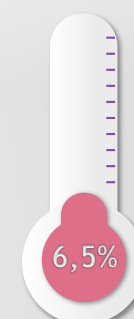
Manufacturing



Consulting IT Services



Consumer Goods and retail



Healthcare

6 M + Monitored
mailboxes

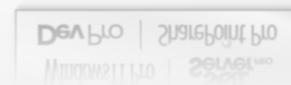
6 millions mailboxes
monitored By GSX Solutions



+ 600
Customers

High customers
satisfaction with over
90% maintenance
renewal

Certifications and Recognitions



Customers References



Top 5 IT Challenges



Top 5 IT challenges using SharePoint for performance monitoring and reporting

- “I can’t track and monitor the end-user experience”
- “How do I ensure user adoption?”
- “I keep running out of resources”
- “I can’t target the source of my user’s complaints”
- “I don’t know if all my sites are up and running efficiently”
- “How do I build reports on performance and usage?”



The GSX Platform



GSX Agentless management platform
for unified collaboration applications



Reduces the TCO at both
CAPEX and OPEX levels



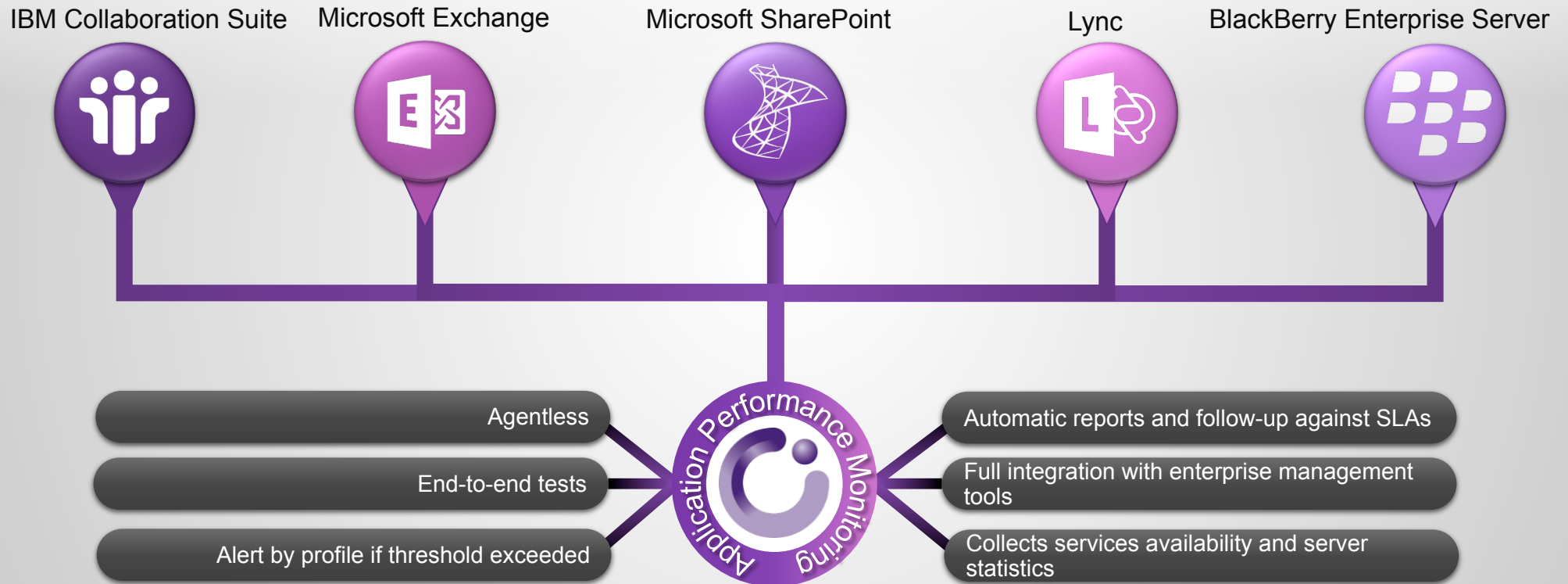
- Sits outside the server providing a simple to use solution
- Monitors entire collaboration infrastructure
- Analyses and identifies bottlenecks proactively
- Simulates traffic to enable preventive action
- Reports against business use SLAs

Fully exploit the productivity
benefits of collaboration



Consistent, high
quality end-user
experience

Unified support for Collaboration Platforms



Monitoring Microsoft SharePoint



Is becoming increasingly more critical in every company



- What was just a tool to upload & share files has evolved into a tool to:
 - Work collaboratively on projects
 - Store and archive compliance data
 - Social network for the Enterprise
 - Collaborate on documents
 - Build Corporate Websites/Intranets

What was just a “nice to have” is now a critical application that requires:



- Availability
- Exceptional performance for your users across multiple locations
- End User Satisfaction and utilization to justify the cost
- Control over the unlimited growth of Data

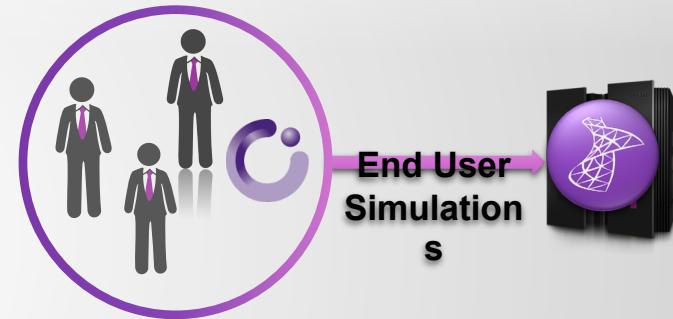
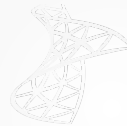


GSX Ensures End User Satisfaction!



GSX Constantly Performs End User Scenarios

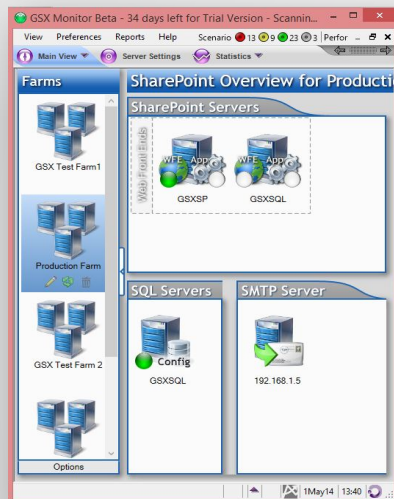
- At the Farm Level
- At the Server Level
- At the Site Level



- Detect any performance issues from the location you select
- Ensure that End Users are satisfied with the performance of the application
- Get real, independent metrics that prove the quality of service and identifies potential bottlenecks
- Justify costs of new SharePoint servers with automatic forecasting reports
- Be aware of potential problems before any user complaints!

***Works on any version of
SharePoint from WSS to
SharePoint 2013!***

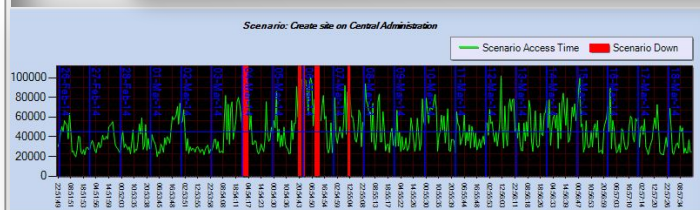
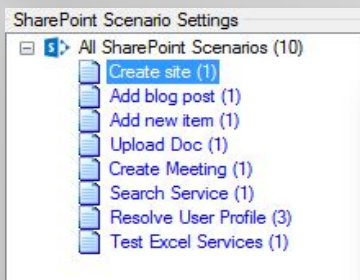
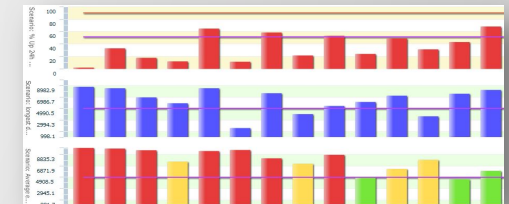
GSX SharePoint Farm Monitoring



- Automatic discovery of your entire environment-SharePoint Farm and SQL Content DB
- Ability to manage multiple farms simultaneously
- See instantly the status of all your Web Front End & Application Servers in the Farm
- See instantly the status of any Content DB in your SharePoint Farm

Availability doesn't equal End User Satisfaction! If it takes 10 seconds to upload a 10kb document, it may work from a system perspective, but not from a user perspective!

- Run End User Scenarios across the entire farm
- Detect in real time any latency issues for your users
- Trend and forecast your SLAs
- Justify the performance to the management



Statistics	Daily	Weekly	Monthly
Average execution time	34333	46401	47071
# Success	18	96	399
# Failure	0	0	9
% Success	100.00	100.00	97.79



GSX SharePoint Server Monitoring



Test Your Web Front End As a User, Running Specific Scenarios



- How long does it take for your user to copy a document? To create a form? To display an image or a Webpart?
- Compare your System perception with the End User perception & Detect Bottlenecks at the Server level

Web Services			
SharePoint server exposes web services. By selecting web services to check, GSX Monitor simulates a user and alerts if any of the selected web service is not working as expected.			
Web Services Name	Description	URL	Alert
<input checked="" type="checkbox"/> Alerts	Provides methods for working wit...		Default
<input checked="" type="checkbox"/> Copy	Provides methods for copying ite...	http://gsxspdev	Disabled
<input checked="" type="checkbox"/> DocumentWorkspace	Provides methods for managing ...		Disabled
<input checked="" type="checkbox"/> Forms	Provides methods for returning fo...	http://gsxspdev	Default
<input checked="" type="checkbox"/> Imaging	Provides methods that enable yo...		Disabled
<input checked="" type="checkbox"/> Permissions	Provides methods for working wit...	http://gsxspdev	Disabled
<input checked="" type="checkbox"/> SiteData	Provides methods that return met...		Disabled
<input checked="" type="checkbox"/> Sites	Provides a method for returning i...	http://gsxspdev	CM Alert
<input checked="" type="checkbox"/> UsersGroups	Provides methods for working wit...		Disabled
<input checked="" type="checkbox"/> Versions	Provides methods for working wit...	http://gsxspdev	Disabled
<input checked="" type="checkbox"/> Views	Provides methods for working wit...		Disabled
<input checked="" type="checkbox"/> Webpart	Provides methods to send and re...		Disabled
<input checked="" type="checkbox"/> Webs	Provides methods for working wit...	http://gsxspdev	Disabled
<input checked="" type="checkbox"/> UserProfile	Provides methods for working wit...		Admin
<input checked="" type="checkbox"/> Workflow	Provides methods to work with w...		Disabled

Check your Application Services in Real Time

- Up Down status and Alert on every critical Application Service
- Check the Indexer
- Be alerted on Unsuccessful crawl elements and elapsed time since last crawl

Search indexer crawling status:

Successfully crawled: 8585
Warning(s): 1
Error(s): 1250
Last crawling Date: 7 Feb 14 08:42:56

Application Server	
Number of services up: 22 Number of services down: 0	
App Service Name	Status
Managed Metadata Web Service	Online
User Profile Synchronization Service	Online
Business Data Connectivity Service	Online
Search Administration Web Service	Online
Secure Store Service	Online
Microsoft SharePoint Foundation Workflow Timer Service	Online
PerformancePoint Service	Online
Web Analytics Service	Online
SharePoint Server Search	Online
Search Query and Site Settings Service	Online
Web Analytics Web Service	Online
Microsoft SharePoint Foundation Web Application	Online
Central Administration	Online
Excel Calculation Services	Online
Microsoft SharePoint Foundation Incoming E-Mail	Online
User Profile Service	Online
Access Database Service	Online
Microsoft SharePoint Foundation Administration	Online
Microsoft SharePoint Foundation Timer	Online
Web Analytics Data Processing Service	Online
Word Automation Services	Online
Application Discovery and Load Balancer Service	Online

GSX SharePoint Site & Log Monitoring

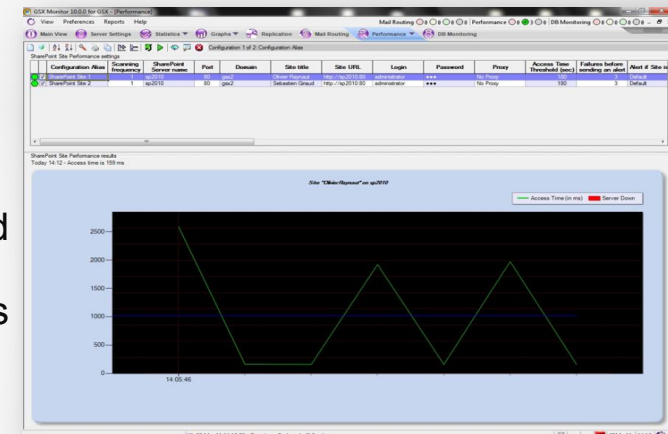


Check the Availability of Each Site From a User Perspective

- How long does it take for your users to access critical sites?
- GSX accesses and waits for the Website and all its Webparts to load to define the real user experience
- Be alerted in case of exceeding time thresholds as well as unavailability
- Get instant graphs that help you troubleshoot any potential problem

Parse Your SharePoint Log Quickly & Easily

- Get instant Reports on Log Files
- Troubleshoot easily any errors by parsing the log automatically to look for specific strings or keywords
- Make automatic log reports that are sent to your Mailbox



Report

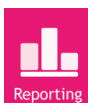
Log Report: Critical Log report on SharePoint Server gsxspdev

The text " [e]E[]o.* " was found 1000 times

Number of documents processed: 291
Lines in error: 1000
Keywords found: 1000

FileName: gsxspdev\LOGS\GSXSPODEV-20131211-0304.log
12/11/2013 03:21:13.44* wsmprovhost.exe (0x17B8) 0x0AC4 SharePoint Foundation Database fa46 High ...y, Int32 depth) at System.Man...
System.Management.Automation.Remoting.RemoteDataObject`1.Serialize(Stream streamToWriteTo, Fragmentor fragmentor) at System.Man...
System.Management.Automation.Remoting.Server.AbstractServerTransportManager.SendDataToClient(T[] RemoteDataObject`1 data, Book...
System.Management.Automation.ServerPowerShellDataStructureHandler.SendOutputDataToClient(PSScriptBlock data) at System.Managem...
12/11/2013 03:21:13.44* wsmprovhost.exe (0x17B8) 0x0AC4 SharePoint Foundation Database fa46 High ...r0) at System.Management.A...
System.Management.Automation.Internal.PipelineProcessor.SynchronousExecuteEnumerate(Object input, Hashtable errorResults, Boolean...
System.Management.Automation.StatementListNode.ExecuteStatement(ParseTreeNode statement, Array input, Pipe outputPipe, ArrayLi...
ExecutionContext context) at System.Management.Automation.ParseTreeNode.Execute... a5c76433-38de-4347-9538-b3b06e25e056

Control the Availability and Growth of your SharePoint Data!



SQL Backend

Sites Data:
 Number of site collections: 5336
 Number of documents: 195
 Total size of site collections: 11 GB
 Total size of documents: 124 MB

Search indexer crawling status:
 Successfully crawled: 8585
 Warning(s): 1
 Error(s): 1250
 Last crawling Date: 7 Feb 14 08:42:56

Content DB Information:

Content DB name	Number of Site Collections	Size of Site Collections (MB)	Number of Documents	Size of Documents (MB)
SharePoint_AdminContent_c3ca1163-ec29-4710-9512-8b56b62d4e	5	57.21	28	1.29
WSS_Content	13	163.81	159	122.28
WSS_Content_a79e11554c10470d8458#96908bde	150	326.01	4	0.07
WSS_Content_FaloverWithAliasFalover	0	0.00	0	0.00
WSS_Content_GSXSOL_47938	0	0.00	0	0.00
WSS_Content_newDB	0	0.00	0	0.00
WSS_Content_SQL_GSXSPDEVSQL64	5167	11130.99	2	0.03
WSS_Content_WithFaloverAlias	0	0.00	0	0.00
WSS_Content_10831-2	0	0.00	0	0.00

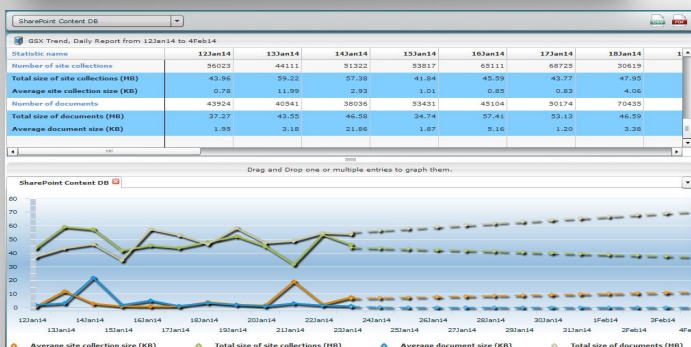
Sites Information for SharePoint_AdminContent_c3ca1163-ec29-4710-9512-8b56b62d4e:

Site Collection title	Description	Creation Date	Size (MB)	Number of Documents	Size of Documents (MB)
Central Administration		27 Jun 11 16:52:34	32.33	0	0.00
Test Site created from Monitor using Web	This is a test site created	11 Jan 12 21:16:23	3.35	2	0.03
Test Site created from Monitor using Web	This is a test site created	13 Jan 12 18:17:26	3.35	2	0.03
Test Site created from Monitor using Web	This is a test site created	11 Jan 12 21:32:00	3.35	2	0.03
Product Help Site	Site collection holding pro	27 Jun 11 16:59:36	14.78	22	1.19

- Get Real Time Availability and Usage Statistics on any of your Content DBs
- Number & Size of Site Collections
- Number & Size of Documents
- Be alerted on:
 - Site Collection Size
 - Number of Site Collection Documents
 - Total Size of Site Collection per Content DB
 - Number of Content DB Documents
 - Total Number of Site Collections per Content DB



- Run Automatic Reports on SQL usage
- Forecast the growth of your environment in seconds
- Justify easily your storage needs and SharePoint Usage!
- **Automatic, User Friendly, Easy to Use**



Site Collections Alerts

Site Collections Size

Threshold: 300 MB

Threshold alert: Disabled

Back to normal alert: Disabled

Scope: All sites collections

Number of Site Collections Documents

Threshold: 100 documents

Threshold alert: Disabled

Back to normal alert: Disabled

Scope: All sites collections

Content DBs Alerts

Content DB Site Collections Size

Threshold: 300 MB

Threshold alert: Disabled

Back to normal alert: Disabled

Scope: All content DBs

Number of Content DB Documents

Threshold: 100 documents

Threshold alert: Disabled

Back to normal alert: Disabled

Scope: All content DBs

Number of Content DB Sites Collections

Threshold: 100 sites collections

Threshold alert: Disabled

Back to normal alert: Disabled

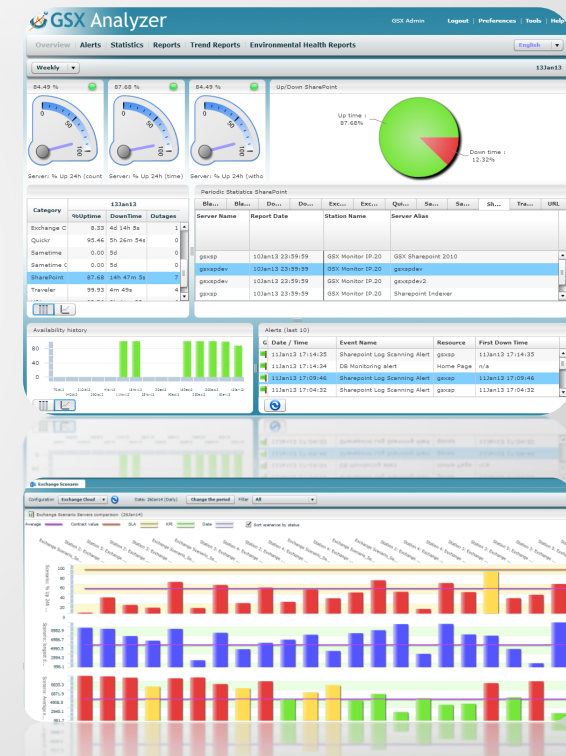
Scope: All content DBs

GSX Analyzer



One Reporting Tool for all of your Exchange Locations

- Compare instantly the performance of your scenarios from your different locations
- Detect in seconds bottlenecks in your environment
- Access through profiles for instant Self-Service Reports
- Automatic PDF reports for management, service line & customers
- Trend and forecast System, Usage & Infrastructure Statistics



GSX For SharePoint Benefits!



- Manage any version of SharePoint from the same Dashboard
- Monitor and Report on multiple versions during a migration
- Easy to install, automatically discover your environment
- Control your cost! Be alerted on an unexpected growth of your SQL environment
- Ensure End User Satisfaction and drives user adoption by constantly simulating users, alerting on performance & latency issues
- Compare the performance you deliver to multiple locations
- Justify easily your storage needs and SharePoint Usage!

Multi-platform and Completely Agentless

Test the real End User experience

Farm, Server, Site, SQL monitoring and reporting in one out of the box tool

Easily control the growth of your data!

GSX Monitor & Analyzer - Trial



FREE TRIAL AVAILABLE

- 30-day
- Full features
- Unlimited users

30-Day
Free Trial
Start Now!

GSX Monitor & Analyzer



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