SpyGlass: Increase the Uptime of Your Engineering Systems

Looking To Ease The Stress Of Your Engineering Design Team So They Can Focus On Innovation?

Key Benefits

- **Saves Time and Money**
  Saves countless hours of troubleshooting and issue resolution

- **Improves Productivity and Innovation**
  Enables your design team to focus on the task at hand, not troubleshooting

- **Security and Scalability**
  Monitor multiple locations simultaneously – ideal for organizations that employ remote design teams requiring VPN access

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Far too often, graphic intensive applications such as 3D CAD are prone to operating difficulties. This is especially true when remote design teams use VPN access to connect to a CAD datastore. The root cause could be network latency, an unresponsive application, corrupt data, crashing, or that the app is down altogether. Since traditional IT network monitoring only monitors network and systems performance, the IT team typically reports that there is no problem on their end.

The Solution: SpyGlass

SpyGlass combines the functions of a network, systems, database and engineering app troubleshooting team into one package. It probes all four functions to quickly determine the root cause of an issue experienced by the design engineer.

SpyGlass simulates a typical user in your engineering organization. It simulates regular user tasks: login, log out, run sample queries, supervise file management, and much more, every five minutes. Ultimately, SpyGlass ensures the integrity, availability and overall performance of the engineering design application environment – saving countless hours of troubleshooting and issue resolution.

Keep your engineering design team up and running so they can focus on innovation and designing new, cool products that add to company revenue and profitability

Important Features

- Enhances troubleshooting by simulating the critical functions of a design engineer.
- Predicts and prevents future engineering app and database issues.
- Works with many key engineering design apps: SolidWorks, PTC Creo/ Windchill, or Autodesk.
- Also works with many DevOps tools: Jira, Git, CloudBees, and others.

- Integrates all standard remote monitoring and management (RMM) capabilities, including email alerts.
- Keeps your IT environment highly secure -- penetration testing, spikes indicative of denial-of-service (DOS) attacks.
- Can be configured with pre-set triggers to inform you that your cloud based storage is getting low. If it gets critically low, SpyGlass can automatically resize the virtual disk.
- Spyglass ensures the integrity, availability, and overall performance of the engineering design application

SpyGlass -- Improving the productivity and lives of your engineering design team by ensuring minimum disruptions, downtime, and frustration..
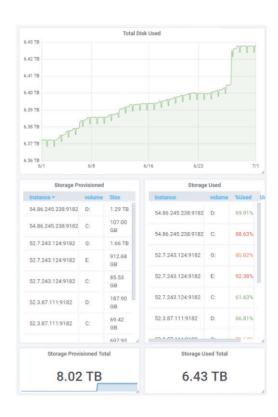
AWS Metrics | Disk Usage

Our current disk usage state temporarily increased by 25%.

We are currently at extra-high disk usage due to the AWS-Azure SW2018-SW2019 Migration project.

Aside form the above, we experienced a 1% increase in disk usage from the prior month. This is typical compared to prior trends.

	Provisioned	Used
Nov 2018	5.98	4.83
Dec 2018	5.98	4.85
Jan 2019	6.19	4.90
Feb 2019	6.19	4.94
Mar 2019	6.19	4.95
Apr 2019	6.64	4.99
May 2019	7.64	6.37
June 2019	8.02	6.43

Total Disk Used

Storage Provisioned

instance	volume	Size
54.86.245.238:9182	D:	1.29 TB
54.86.245.238:9182	C:	107.00 GB
52.7.243.124:9182	G:	1.66 TB
52.7.243.124:9182	E:	912.68 GB
52.7.243.124:9182	C:	85.53 GB
52.3.87.111:9182	D:	187.90 GB
52.3.87.111:9182	C:	69.42 GB
		697.93

Storage Used

instance	volume	%Used	U
54.86.245.238:9182	D:	69.91%	
54.86.245.238:9182	C:	88.63%	
52.7.243.124:9182	G:	80.82%	
52.7.243.124:9182	E:	92.38%	
52.7.243.124:9182	C:	61.63%	
52.3.87.111:9182	D:	66.81%	

Storage Provisioned Total

8.02 TB

Storage Used Total

6.43 TB

Significantly improved application uptime and performance

Clear visibility into cybersecurity events

7X faster troubleshooting and resolution of technical issues