

Universal Internet DataSet

Need for Continuous Visibility as Attack Surface Complexity Increases

Security practitioners and threat hunters increasingly require deeper and more frequent scanning as attack surfaces shift and become more complex. Misconfigurations, mismanaged assets, and a lack of security practitioner time have all contributed to the need for continuous results from attack surface management technology platforms.

The Censys Universal Internet DataSet

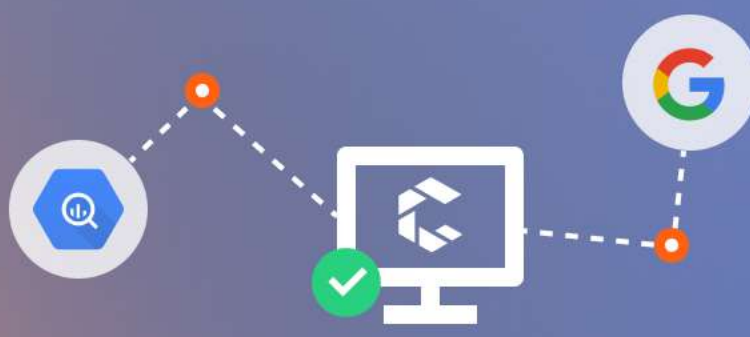
The new Universal Internet DataSet combines multiple datasets into a single one. The number of ports scanned has increased by 15% providing the Universal Internet DataSet with a number of benefits including daily refresh and weekly discovery of new assets. This means more visibility, accuracy, and up to date results to inform your investigations and attack surface management.

How does it work?

- For the **Censys ASM Platform**: The dataset is automatically available in your platform.



- For **Censys Enterprise Data**: The dataset is available via downloads or Google BigQuery



Customer Benefits

- **Automatic protocol detection**: Protocol detection will provide more in-depth data about services running on non-standard ports (e.g. HTTP running on a VNC port, or SSH running on 2222). Our data shows that 67% of our deep scan services are detected on non-standard ports.



● Standard Port
● Non Standard Port

- **Multi-perspective scanning**: We have added additional scan locations and are now scanning from 3 locations (US, Europe, Asia). This will increase our visibility of the overall Internet to over 99%.
- **Faster refresh of data**: Censys is currently performing weekly discovery of Internet assets, and assets have an average observation time of 48 hours, which is significantly faster than our closest competitor where we see an average refresh rate around 10 days.
- **Improved context for services and devices**: We have improved our detection of Software and Operating Systems, and are working on improved detection of IoT devices.

Censys Data - How does it benchmark to previous data sets and competitors?

Universal Internet DataSet: Comparison to Old Banners DataSet and IPV4 DataSet

	Banners DataSet	IPV4 DataSet	Universal Internet DataSet
Hosts	216M	117M	250M
Services	737M	211M	872M
Ports	2,016	48	2,325
Scanners	1	34	36
Refresh Rate	7 Days	7 Days	6 Days

How does the Universal Internet DataSet compare to the nearest enterprise data competitor?

	Censys	Enterprise Data Competitor	Censys Advantage (%)
Total Services	871,606,680	442,068,682	97%
SSH Services	25,428,558	20,438,611	24%
FTP Services	11,591,726	3,486,605	232%
RDP Services	5,710,291	4,384,237	30%