

IntelliMagic Vision enhances Z performance & availability management



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Modernize z/OS performance analysis



IBM Z IntelliMagic Vision for z/OS

AI-enhanced z/OS
Operations Analytics
via Secure Cloud

Proactively identify application availability risk

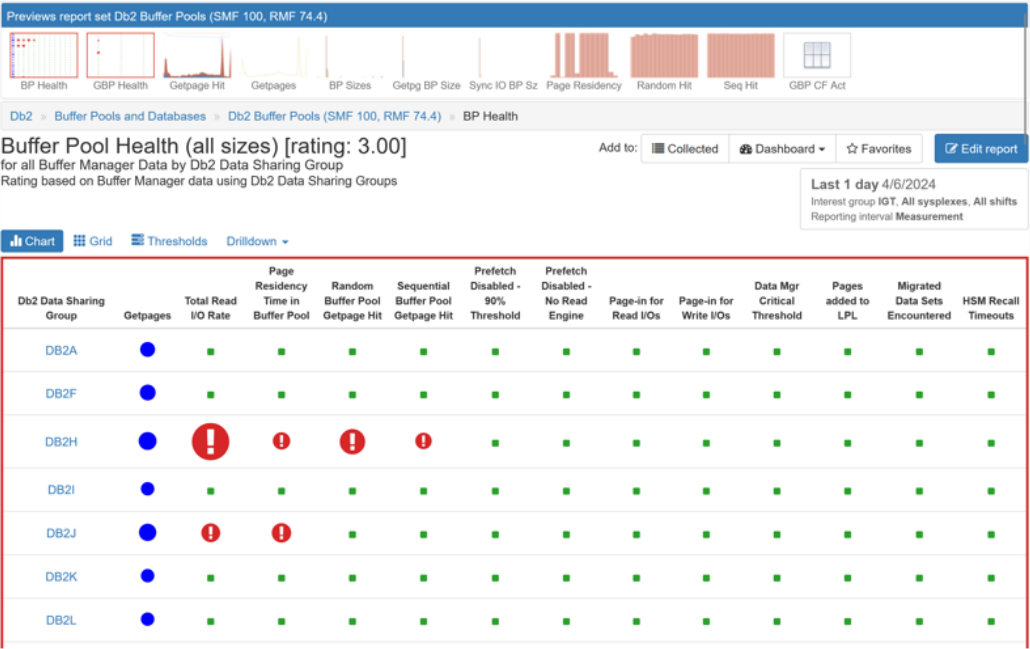
700+ of the most important z/OS performance metrics dynamically assessed, scored, and explained in context with no z/OS overhead.

Augment new and expert team members and reduce MTTR

The only z/OS-wide UI for trending *and* deep investigations with smart visualizations matching dynamic problem-solving processes.

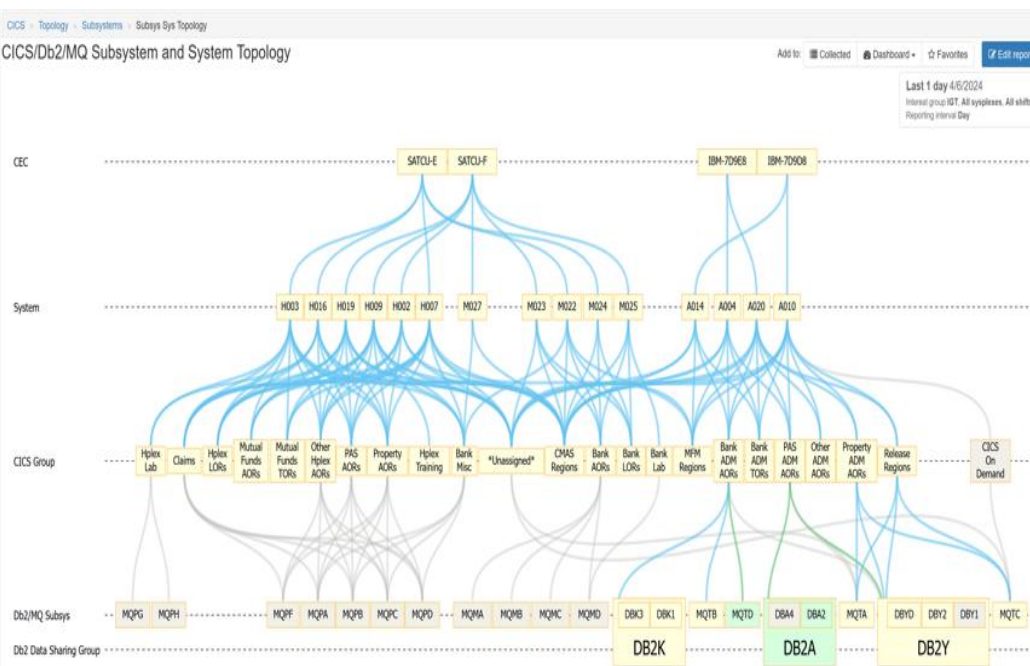
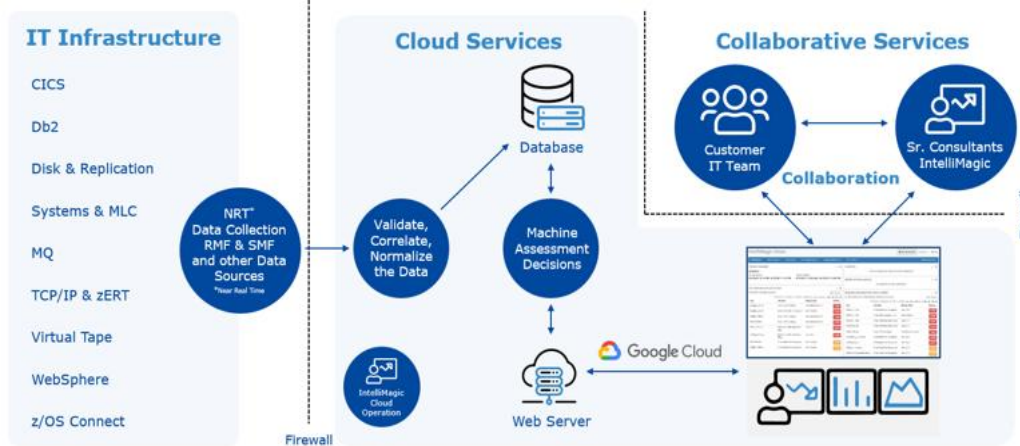
Safely lower infrastructure and application costs

Application-centric analysis and infrastructure-centric analysis both more easily enable safe optimization opportunities.



Auto-identify
performance
best practice
violations
across the z/OS
infrastructure

Cloud-based
analytics option
enables access to
IBM experts,
integration with
hybrid platforms
(e.g., Apptio)

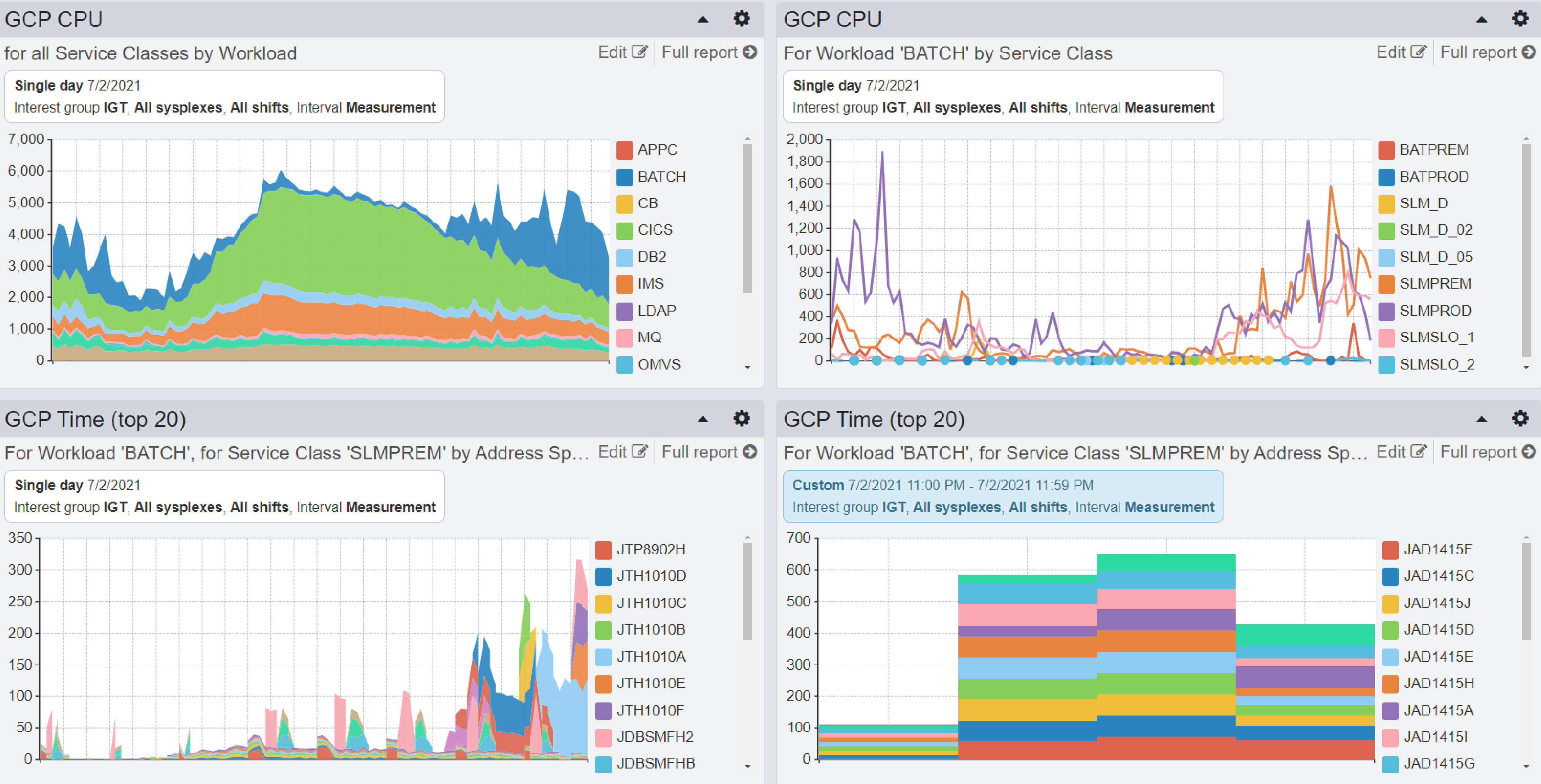


Interact with
dynamically
generated topology
views of logical and
physical
configuration

IBM Z IntelliMagic Vision for z/OS – Capability Highlights

Dynamic navigation overcomes
limitations of static reports

Dynamic navigation overcomes limitations of static reports

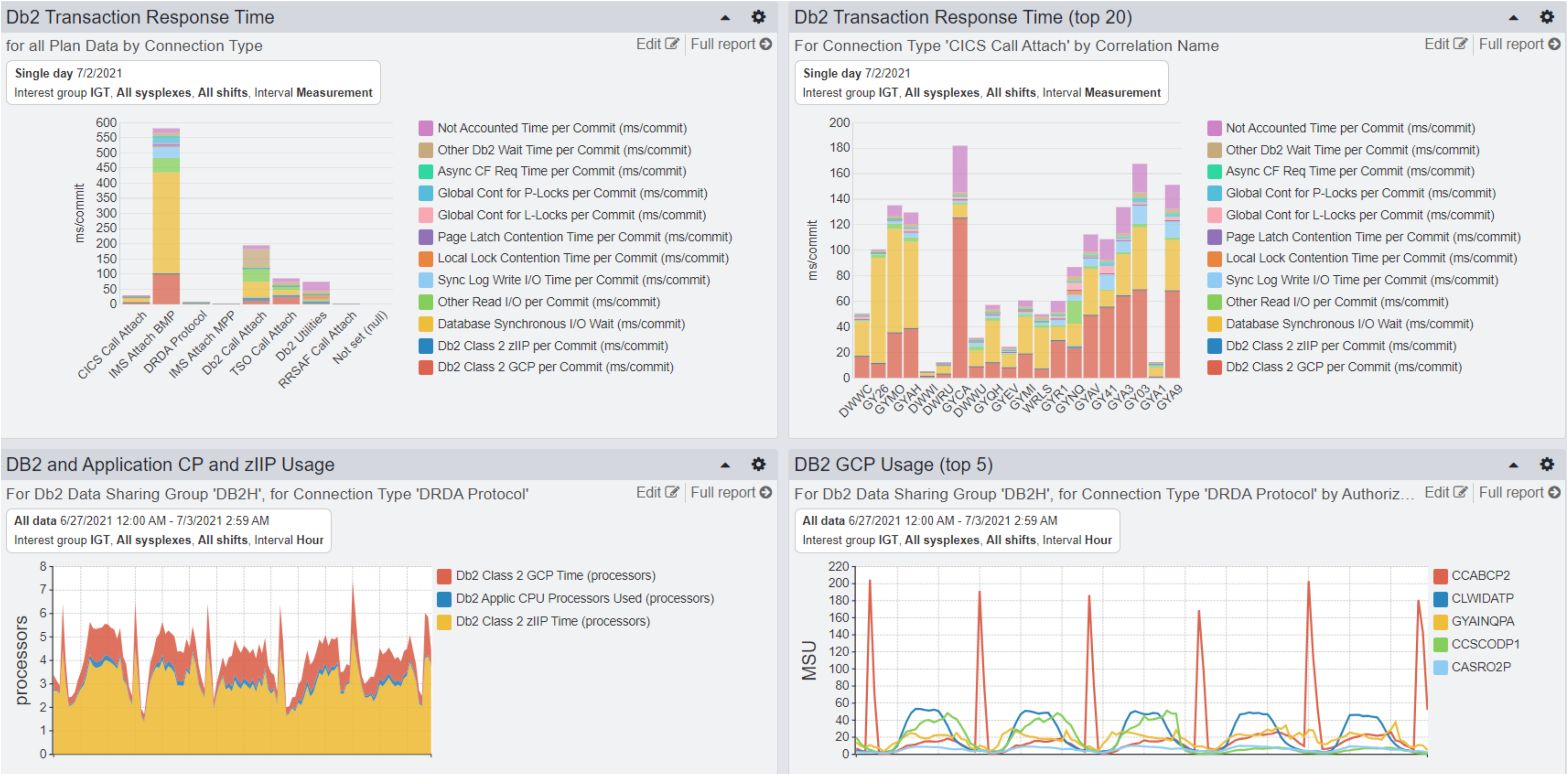


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Context sensitive drill downs facilitate focused analysis even with massive data volumes

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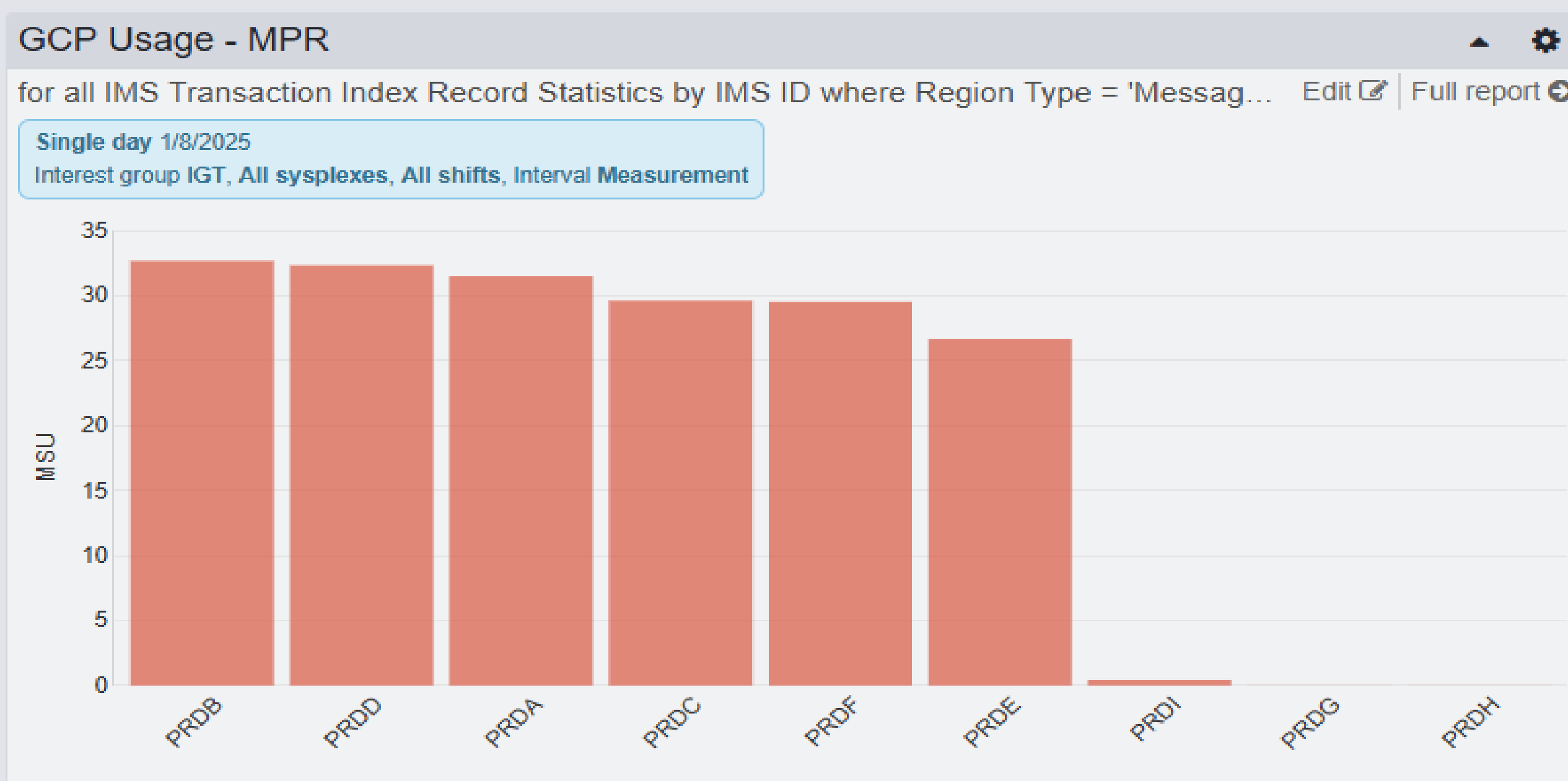
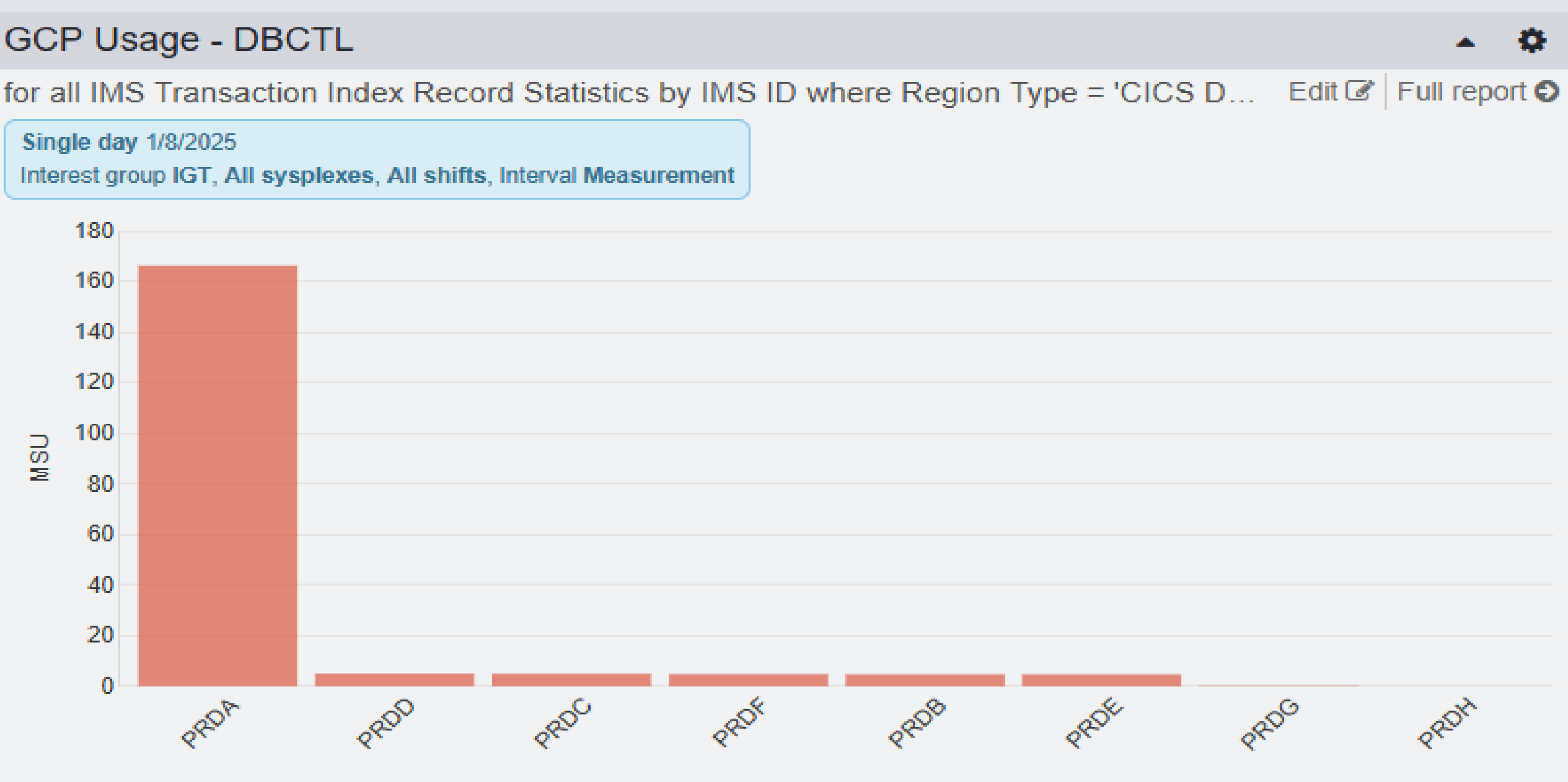
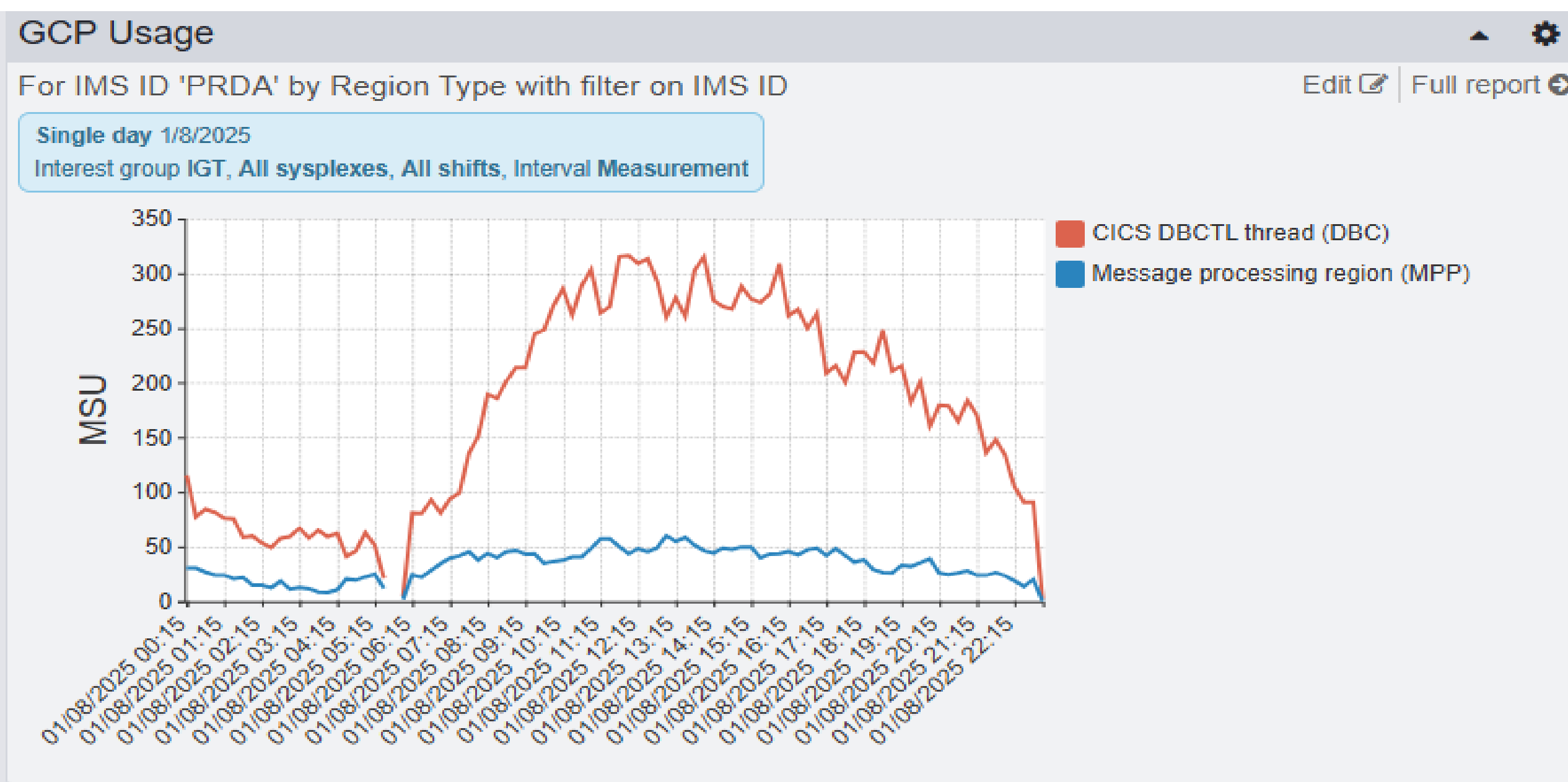
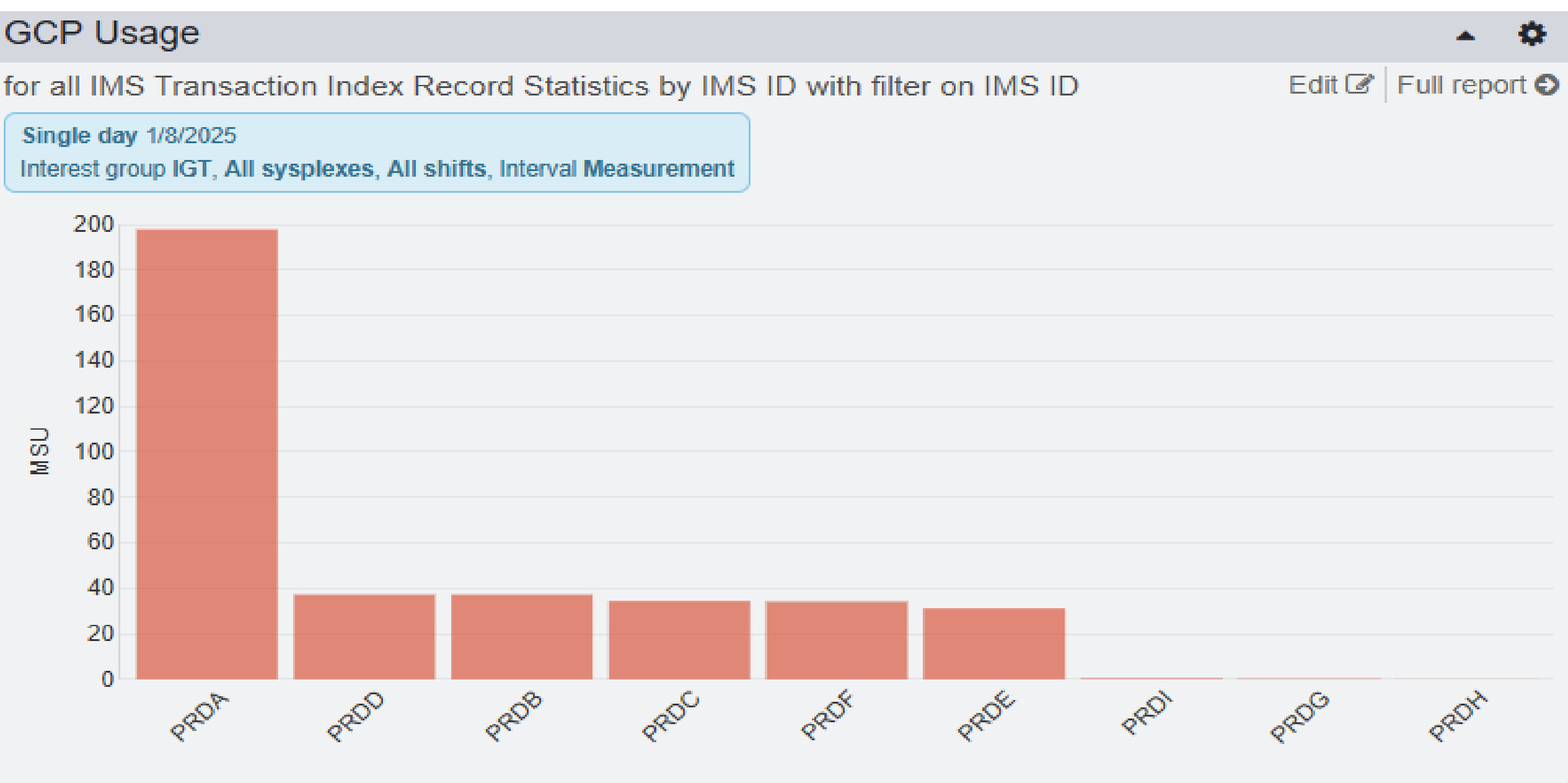
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Interactive dialog enables intuitive customization of ad hoc reports

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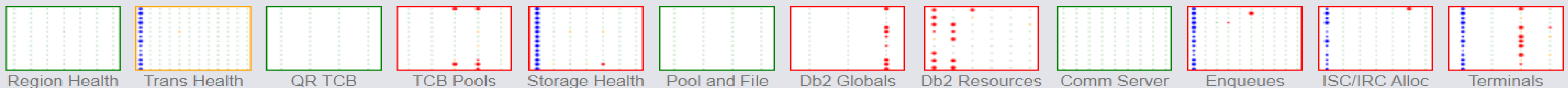
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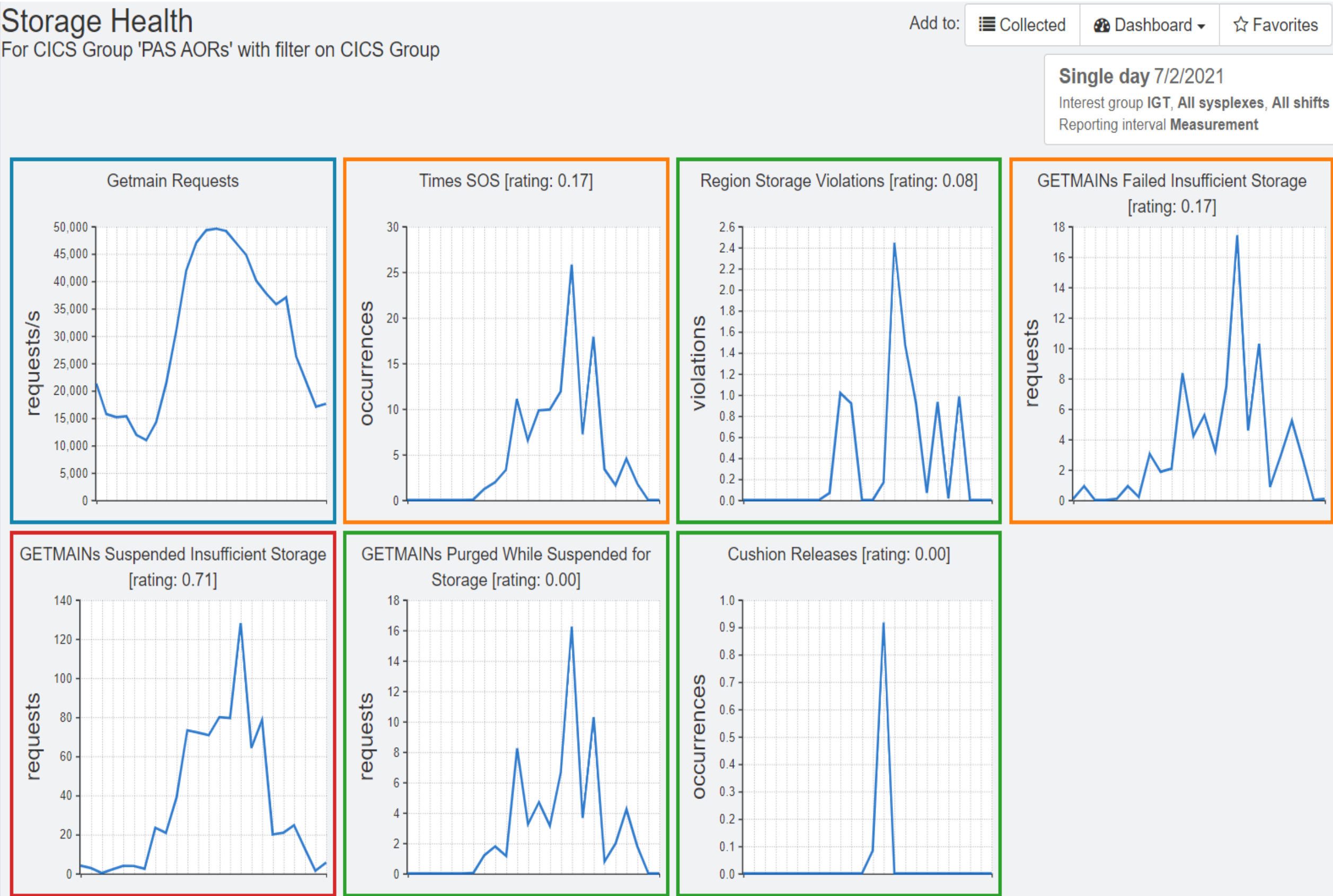
Interactive dialog enables intuitive customization of ad hoc reports

Automated health assessments of key metrics identify potential risks to availability and performance

Automated health assessments of key metrics proactively identify potential risks to availability and performance



CICS Group	Getmain Requests	Times SOS	Region Storage Violations	GETMAINS Failed Insufficient Storage	GETMAINS Suspended Insufficient Storage	GETMAINS Purged While Suspended for Storage	Cushion Releases
Bank AORs	●	■	■	■	■	■	■
Bank LORs	●	■	■	■	■	■	■
Hplex LORs	●	■	■	■	■	■	■
Mutual Funds AORs	●	■	■	■	■	■	■
Mutual Funds TORs	●	■	■	■	■	■	■
Other Hplex AORs	●	■	■	■	■	■	■
PAS AORs	●	⚠	■	⚠	❗	■	■
Property AORs	●	■	■	■	■	■	■



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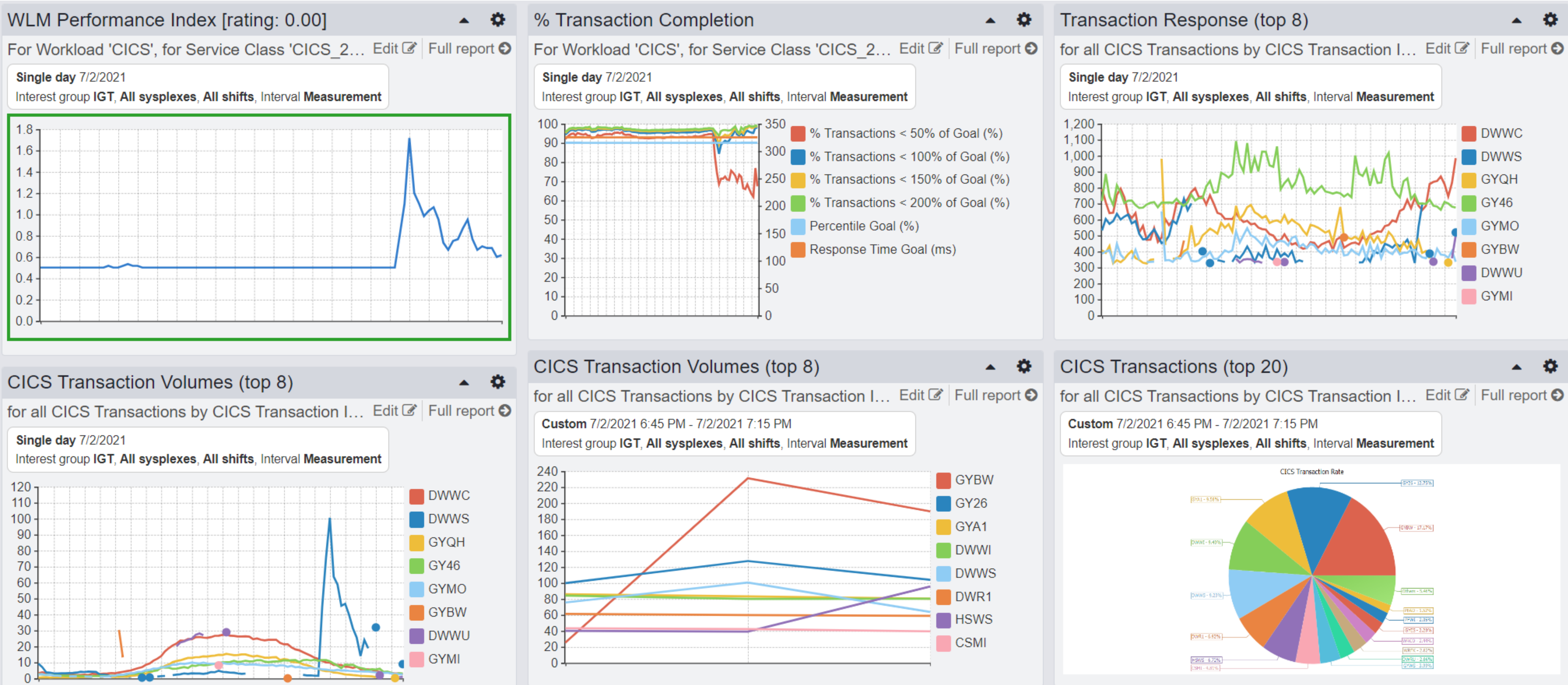
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Integrated interface promotes collaboration by providing visibility across SMF data types

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Collaborate with visibility into data across the z/OS infrastructure

This strategic advance is achieved through an integrated interface that overcomes the barriers of siloed tooling and promotes collaboration by providing visibility across SMF data types

IBM Z IntelliMagic Vision for z/OS



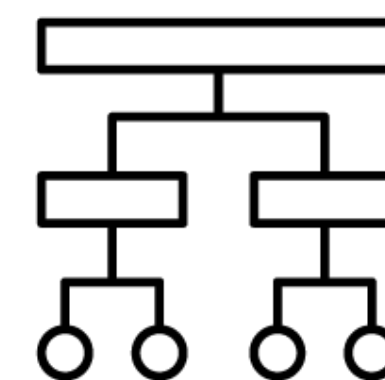
End-to-end
z/OS infrastructure
AI-driven analytics for
performance management



CICS



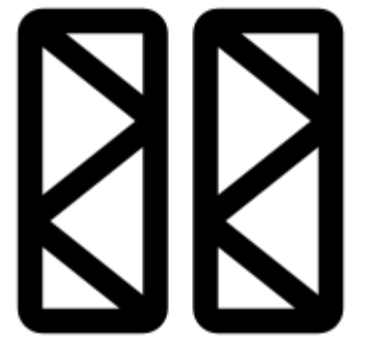
Db2



IMS



MQ



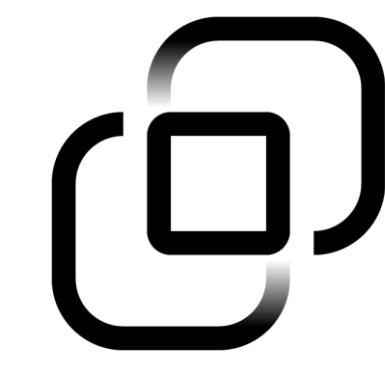
Systems



TCP/IP



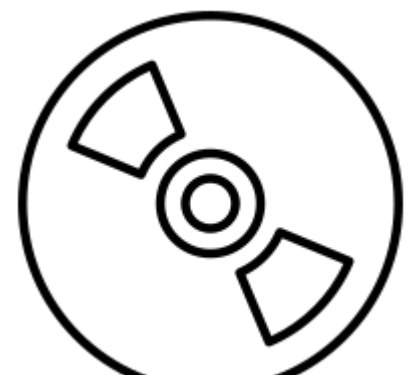
WebSphere



z/OS
Connect



Disk &
Replication



Virtual Tape

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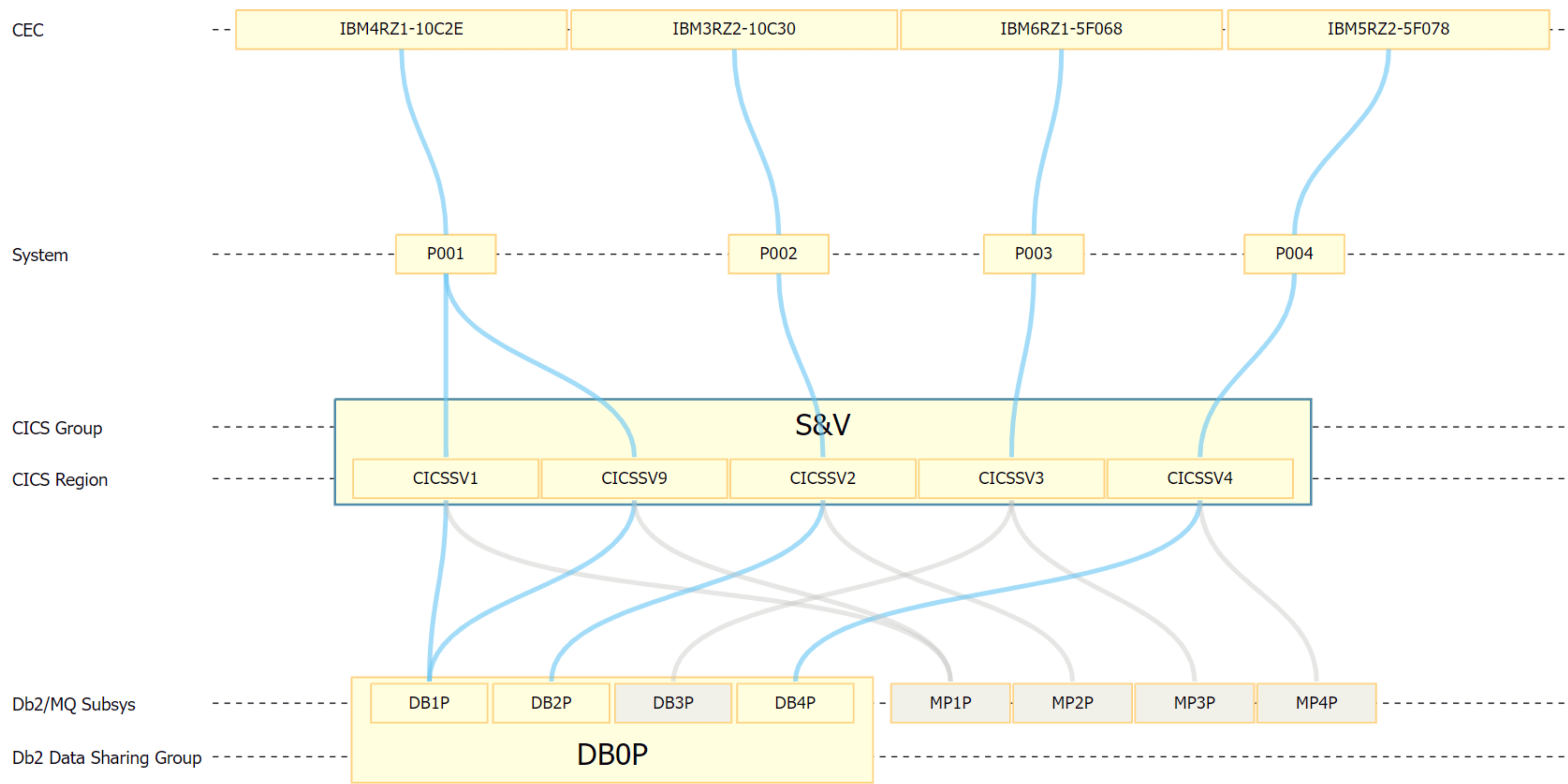
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Change detection highlights statistically significant changes in key metrics

Change detection – CICS transaction example

7/11/2024 compared with 30 days (6/12/2024 - 7/11/2024) Interest group IGT, All sysplexes, All shifts Reporting interval Measurement								
CICS Transaction ID	Total CICS GCP Time per Tran (ms/transaction)	Total CICS GCP Time per Tran Change (std devs)	Total CICS GCP Time (s)	Total CICS GCP Time Change (std devs)	CICS Transactions (transactions/s)	CICS Transactions Change (std devs)	Transaction Response (ms/transaction)	Transaction Response Change (std devs)
GY26	5.86	-0.02	75,112.28	-0.42	148.34	-0.38	31.86	3.18
HB2A	0.60	1.87	66,995.60	0.94	1,288.46	0.84	2.97	1.16
HB2D	1.78	1.70	46,880.42	1.26	305.51	0.95	6.33	1.59
DWWI	4.73	0.53	39,316.92	0.31	96.12	0.07	39.32	0.32
DWWC	30.81	-0.64	35,156.92	0.40	13.21	0.47	430.40	-0.49
DWRU	8.43	-0.76	30,759.77	0.44	42.25	0.58	84.04	-0.39
DWRH	16.22	-1.51	29,943.43	-0.42	21.36	-0.25	67.77	-0.62
GYCA	184.56	-0.28	27,572.45	0.54	1.73	0.59	755.19	-0.17
GYMO	55.01	-0.69	27,521.62	0.29	5.79	0.45	579.88	0.33
BKAL	0.28	0.96	25,981.49	0.78	1,091.47	0.62	0.93	0.87
GYR1	100.24	0.45	21,950.50	0.51	2.53	0.54	910.69	1.16
GYQH	32.24	-0.36	21,445.57	0.41	7.70	0.44	469.74	-0.43
GYAH	59.06	-0.31	20,099.48	0.21	3.94	0.30	775.78	0.77
GYP1	2,019.83	0.00	19,903.37	0.39	0.11	0.38	5,915.62	-0.36
WBC2	0.51	2.46	19,257.92	0.72	434.37	0.60	3.07	1.45

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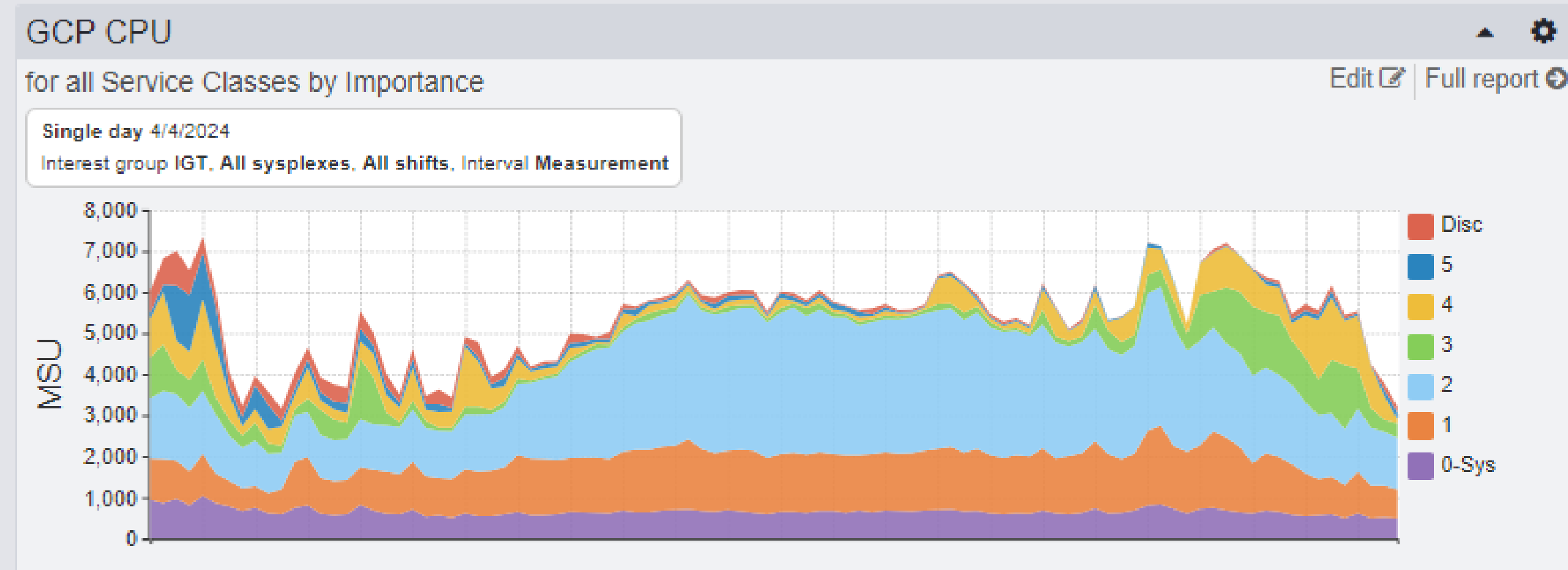
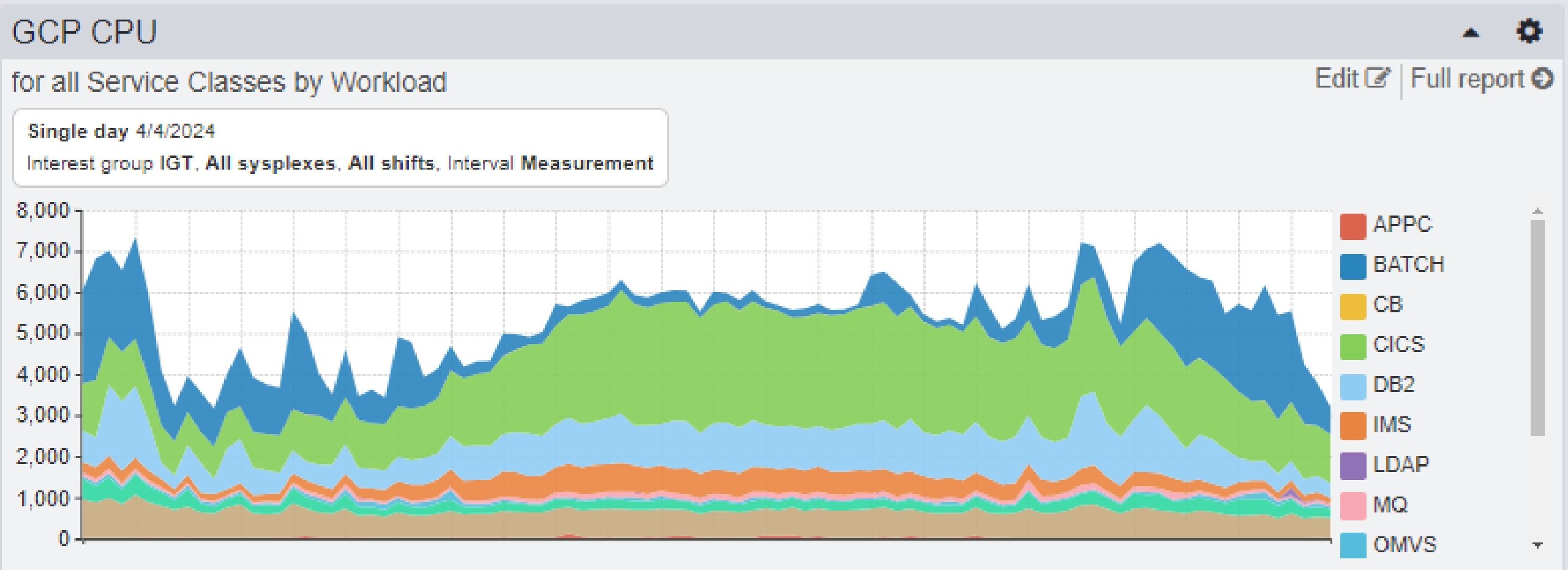
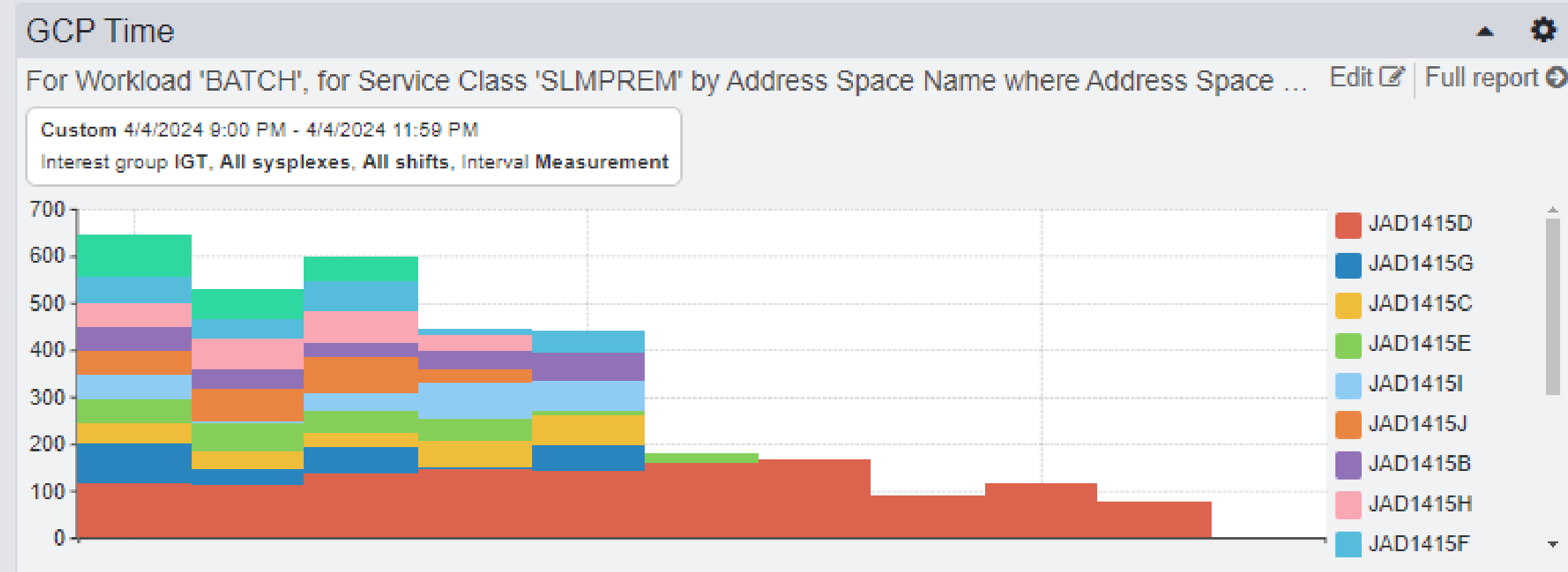
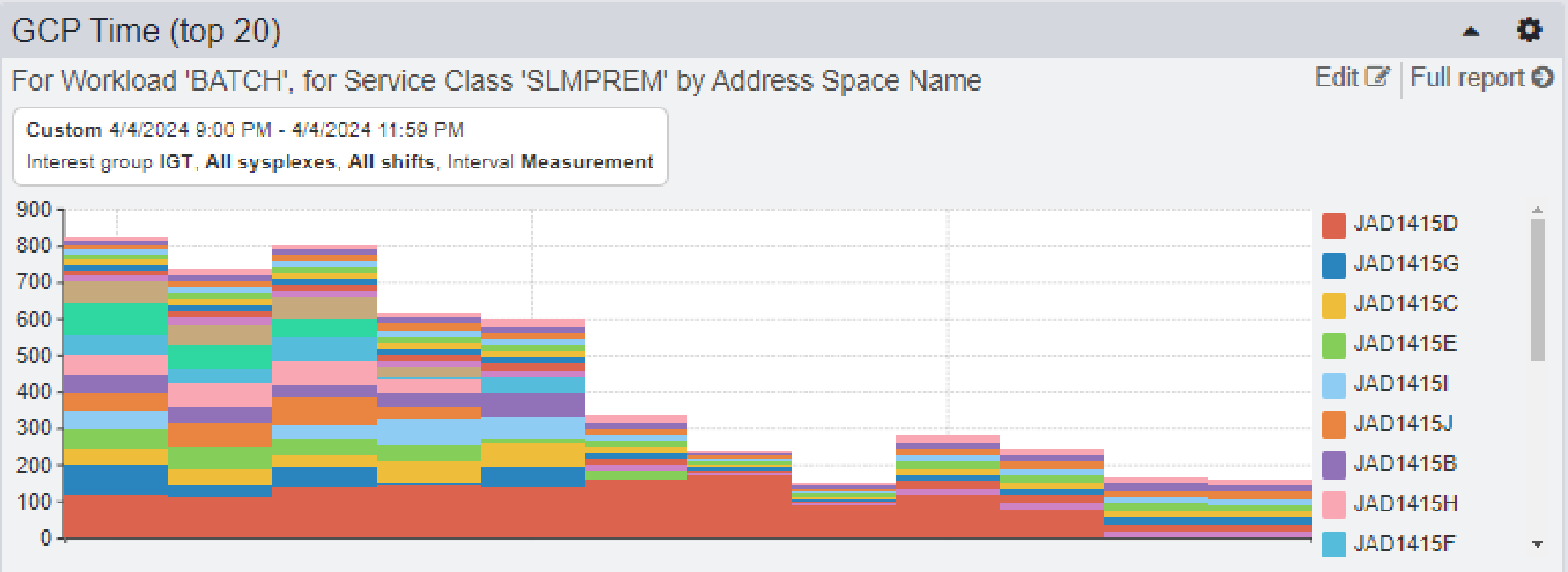
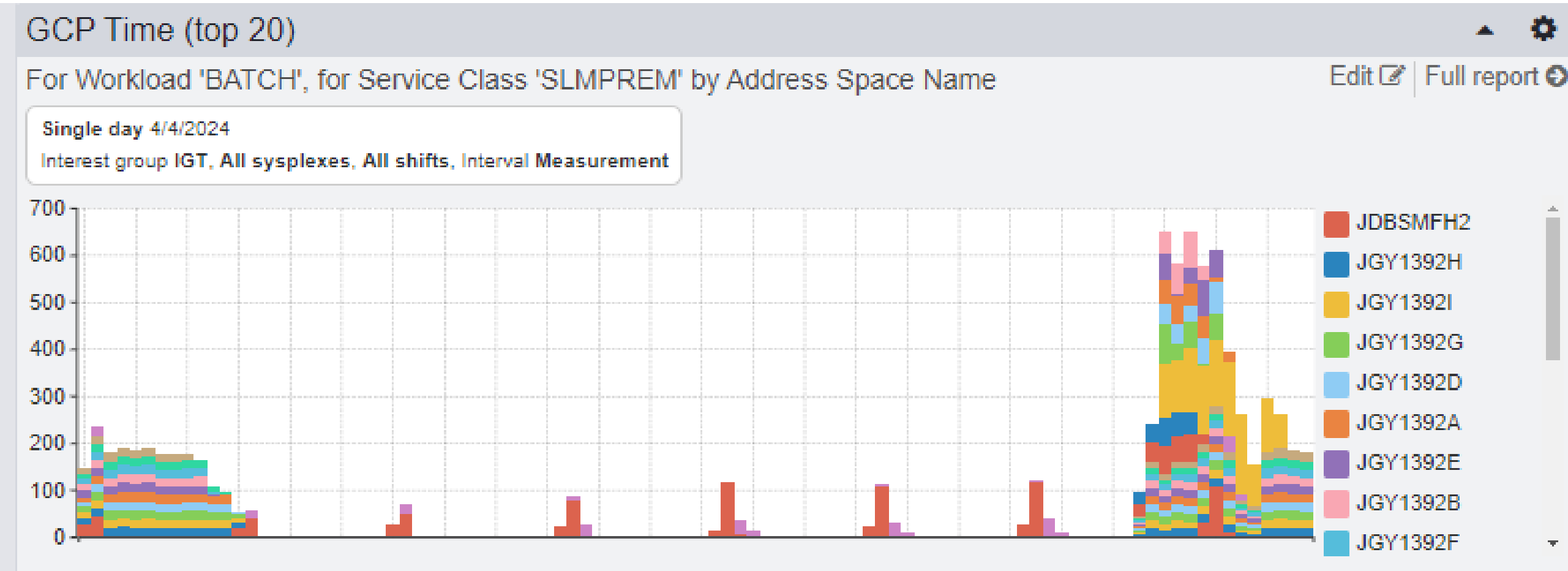
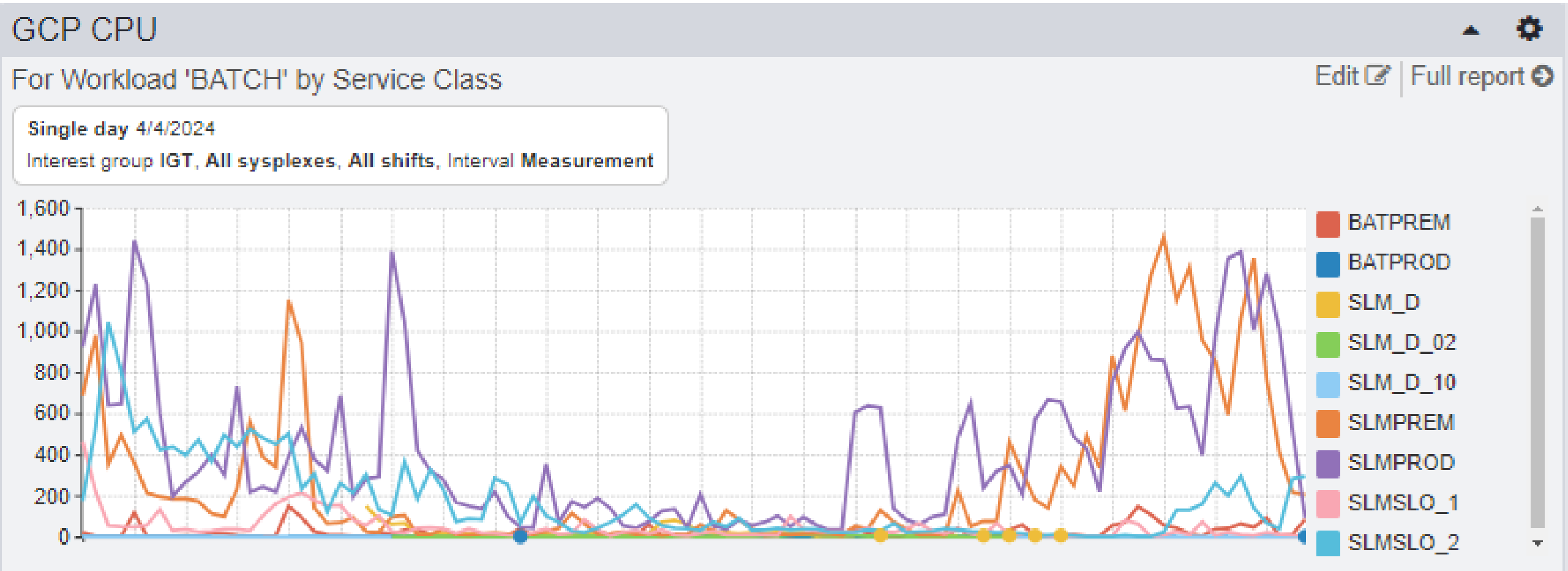
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Customized dashboards facilitate dynamic analysis and collaboration via common shared views



Cloud implementation is fast, simple, secure, and enhances collaboration to reduce risk and problem-solving time

Product infrastructure

IBM-provided product infrastructure and management.

Implementation

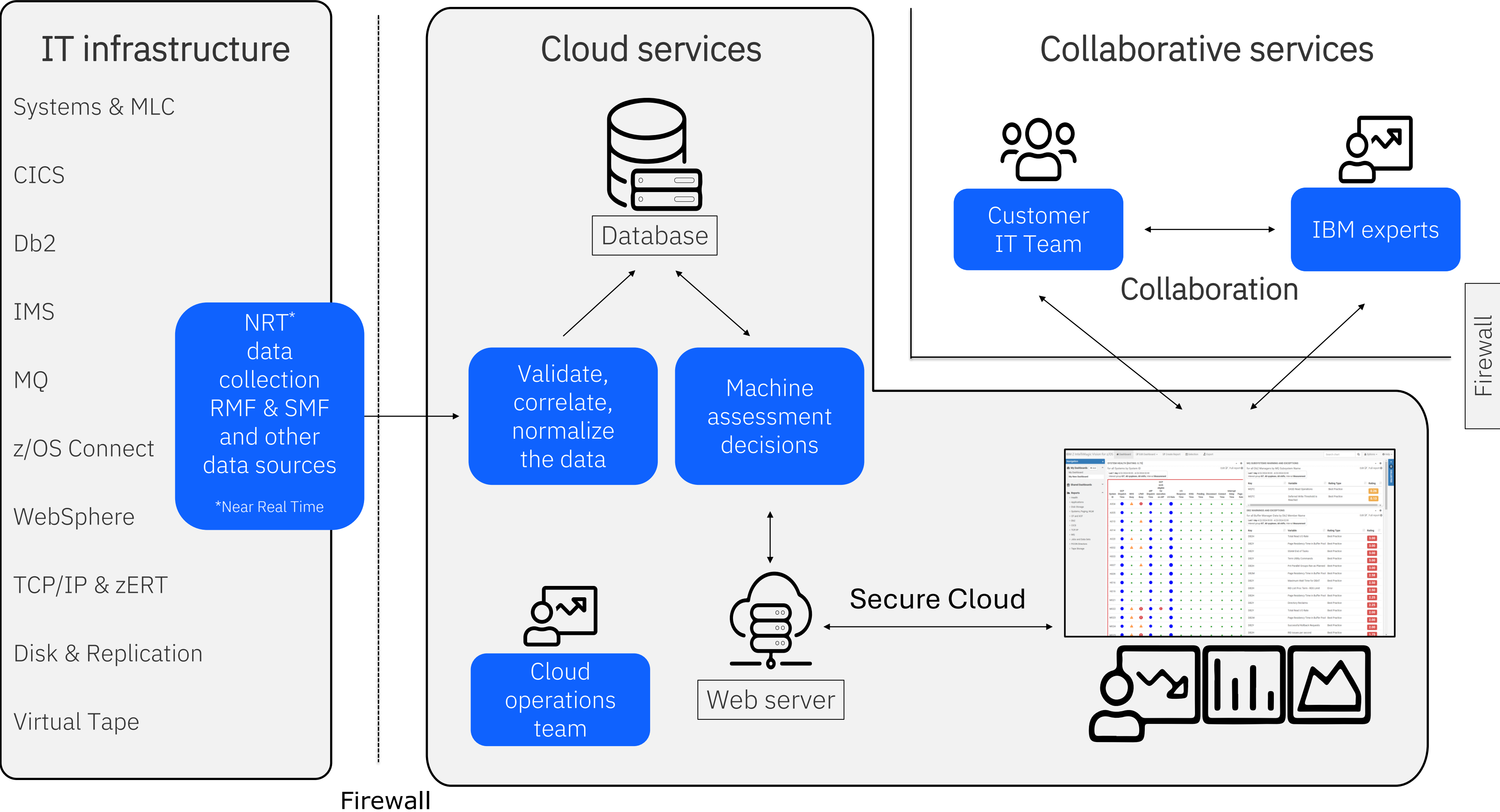
Rapid implementation.

Access to experts

Timely access to deep experts from IBM.

Short-term services

Enables fast and cost-effective short term service engagements.



Upcoming Events

June
3-5

[Z AIOps Technical Council
\(AOTC\)](#)

Durham, North Carolina

June
26



[MQ Performance Analysis for
Non-MQ Specialists:
IBM Z IntelliMagic Academy](#)

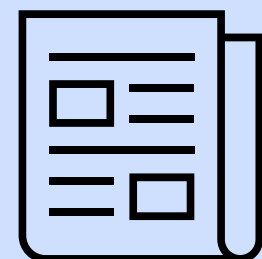
Presented by: Dorothy Quincy and
Todd Havekost

July
17

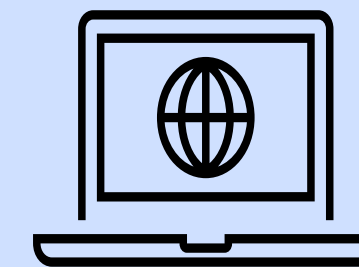


[Mainframe Metrics are Key to
Full IT Stack Cost Transparency](#)

Presented by: Jack Opgenorth



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