

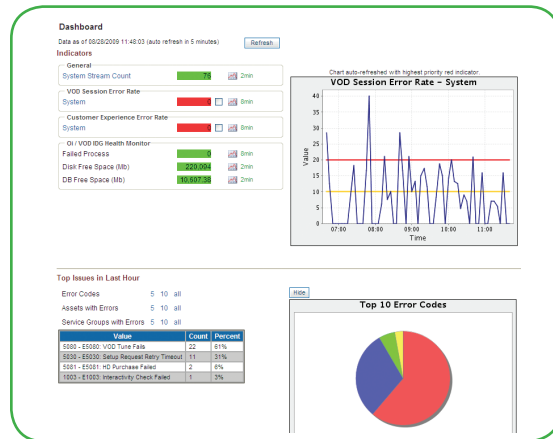
Operational Reporting & Analytics

Universal performance management and operational analytics for VOD

Data measurement and operational intelligence are table stakes for today's broadband operators. Concurrent's Media Data and Advertising Solutions (MDAS) portfolio gives operators an end-to-end solution to collect, analyze and distribute usage data; the result is an unsurpassed 360-degree view of the consumer experience.

Concurrent's Operational Reporting and Analytics for Video on Demand helps you make a science out of reducing churn and support costs while increasing revenue. Our industry leading solutions provide real time operational insight into video infrastructure service performance, capacity management, and subscriber experience. Operational

Reporting and Analytics enable operators to easily track usage trends and provide operations and engineering teams with crucial insight into service performance and subscriber experience through easy-to-use scorecards, dashboards and reports at market, sub-market, and enterprise roll-up levels.

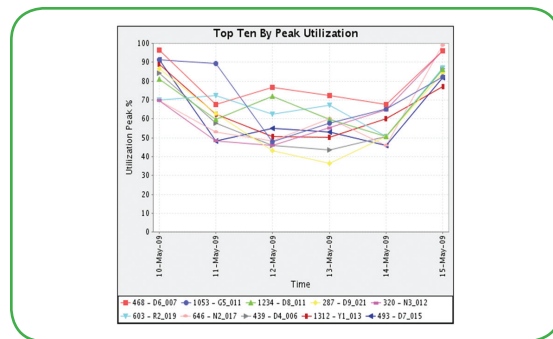


Dashboard

The Operational Reporting and Analytics Dashboard provides a near-real time set of indicators that show VOD system performance such as:

- VOD session success rate
- Subscriber experience success rate
- Overall streaming activity

The Dashboard's intuitive and quick drill-down navigation provides immediate, actionable information regarding root cause factors, which facilitates shorter time to resolution and higher subscriber satisfaction.



Capacity Utilization Trends

Concurrent's Operational Reporting and Analytics provides trend information regarding service group and QAM capacity utilization as well as segmentation by asset bitrate for analysis of HD content consumption impact on VOD capacity.

The software displays both peak usage as well as time spent within utilization intervals, for easy assessment of bandwidth constraints.

Powerful Scorecarding

Concurrent's scorecards provide intuitive trend analysis for measuring the technical and business objectives of your entire on-demand offering.

Measurements include:

- OD session success rates
- Stream success rates
- Customer experience success rates
- Subscriber metrics and asset utilization statistics.

An easy to use web interface provides anytime/anywhere access, enabling users to define target objectives, view trends and plot progress graphs across an entire VOD system or a specific area or submarket.

VOD Analyzer

The VOD Analyzer gives you the flexible system analysis necessary to analyze VOD data and identify the trends and correlations that provide greater visibility into the performance of your VOD systems.

Key areas of analysis are:

- OD Sessions and streams
- Events and customer experiences with key filter criteria including date and time, service group, device, subscriber account number, set top box address, content title, and event scope

Details	Service Group	Time at <50% (Weight = 1)	Time at 60%-70% (Weight = 2)	Time at 70%-80% (Weight = 3)	Time at 80%-90% (Weight = 4)	Time at >90% (Weight = 5)
468 - D6_007		78h 30m 0s	13h 30m 0s	10h 45m 0s	4h 0m 0s	2h 30m 0s
646 - N2_017		100h 15m 0s	3h 0m 0s	1h 45m 0s	2h 0m 0s	2h 30m 0s
493 - D7_016		97h 30m 0s	5h 45m 0s	2h 15m 0s	2h 30m 0s	0h 15m 0s
603 - D2_019		98h 0m 0s	6h 30m 0s	2h 0m 0s	2h 15m 0s	0h 30m 0s
417 - D3_012		97h 15m 0s	7h 0m 0s	3h 0m 0s	2h 0m 0s	0h 0m 0s
496 - D7_018		102h 30m 0s	1h 30m 0s	2h 0m 0s	2h 0m 0s	1h 15m 0s
422 - D3_017		98h 0m 0s	9h 0m 0s	1h 30m 0s	0h 45m 0s	0h 0m 0s
289 - D9_025		102h 15m 0s	3h 0m 0s	2h 45m 0s	1h 0m 0s	0h 30m 0s
484 - D7_008		103h 15m 0s	2h 15m 0s	2h 15m 0s	0h 30m 0s	1h 15m 0s
290 - D9_024		103h 0m 0s	2h 0m 0s	2h 30m 0s	1h 45m 0s	0h 15m 0s
465 - D7_007		99h 30m 0s	7h 0m 0s	2h 15m 0s	0h 30m 0s	0h 0m 0s
465 - D7_017		103h 30m 0s	2h 45m 0s	0h 45m 0s	1h 45m 0s	0h 45m 0s
1313 - V1_014		100h 30m 0s	5h 15m 0s	3h 15m 0s	0h 15m 0s	0h 0m 0s
1051 - G5_009		99h 45m 0s	7h 30m 0s	2h 15m 0s	0h 0m 0s	0h 0m 0s
431 - D3_026		100h 15m 0s	6h 0m 0s	2h 45m 0s	0h 15m 0s	0h 0m 0s
1402 - V1_027		102h 30m 0s	3h 30m 0s	0h 15m 0s	0h 15m 0s	1h 45m 0s

About Concurrent

Concurrent is a global leader in innovative solutions that enable the seamless delivery, management and monetization of video on any screen. Built on a solid foundation of video firsts and Emmy® Award winning technology, Concurrent's video delivery and media data solutions create a truly holistic, 360-degree view of the consumer video experience. Concurrent provides customers in the cable, telco, wireless, web, advertising and content development industries with new revenue opportunities such as advanced advertising. Concurrent's video solutions are built upon a rich heritage of high-performance real-time technology, which also powers solutions for the defense, aerospace, automotive and financial industries.



Concurrent's MDAS portfolio

Concurrent's Media Data & Advertising Solutions are globally deployed in 265 markets, supporting over 32 million households.

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