

Case Study

Resort World at Sentosa Gains Maximum Visibility While Lowering Costs with Gigamon



Gigamon gave us ease of administration, tremendous cost savings, storage savings and many other enhanced capabilities.

DESMOND LOY

IT Director for Resort World at Sentosa

Challenge

Troubleshoot network data issues more effectively and efficiently

Solution

Gigamon Deep Observability Pipeline

Customer Benefits

- Reduced traffic to the network tool set 50 to 79 percent
- Lowered costs and saved \$200,000 to \$500,000
- Maximized network visibility and performance monitoring
- Accelerated threat prevention, detection and response time

Big Wins

Resort World at Sentosa, a world-class lifestyle destination resort in Singapore, encompasses more than 120 square miles of attractions and facilities, including Universal Studios Singapore, a casino, an aquarium, luxury hotels and a convention center. Managing network data for such a complex organization with so many facilities presents an ongoing — and costly — challenge for the company's IT professionals.

After turning to Gigamon for a solution to better troubleshoot network data problems, Resort World at Sentosa maximized network visibility, drastically reduced traffic to its network tool set and increased the efficiency of their tools and IT team, ultimately saving the company between \$200,000 and \$500,000.

According to Desmond Loy, IT Director for Resort World at Sentosa, the biggest benefits of using Gigamon solutions include “actual network traffic visibility, reduction of manual troubleshooting steps and ability to identify issue root cause swiftly.”

Maximum Visibility

Ever-increasing network speeds, new technologies and an exponential increase in data volume make it difficult for IT teams at multifaceted companies like Resort World at Sentosa to swiftly and accurately analyze traffic intelligence, and that hampers visibility.

To more effectively troubleshoot issues and accelerate threat prevention, detection and response time, Resort World at Sentosa sought a single source of visibility across physical, virtual and cloud environments, as well as protection from blind spots within encrypted traffic.

And that's where Gigamon came in.

The Gigamon Deep Observability Pipeline offered the company scalable visibility into all data, automation as well as a common architecture to eliminate blind spots and streamline management.

Reducing Costs, Increasing Efficiency

Faced with escalating vendor and tool costs, as well as an IT team strained with too many time-consuming manual tasks, Resort World at Sentosa needed a more efficient means to filter out duplicate and low-risk traffic.

The Gigamon platform provides optimized, full-fidelity data to security and performance monitoring tools, which helps reduce manual troubleshooting steps required to analyze traffic. It also decreased the cost and sprawl of tools while optimizing their effectiveness — automation that saves both time and money.

Network administrators can now selectively manage which type of traffic to inspect and remove unnecessary content, complete de-duplication and mask sensitive information before sending it to monitoring tools. As a result, the company benefitted from storage savings and reduced traffic to their network tool set by a massive 50 to 79 percent.

“We could reduce CapEx for network security tools as we could centralize them and maximize the utilization,” said Desmond. “In the long run, OpEx can be more manageable with optimized network inventory.”

Successful Solutions

When asked for their assessment, Resort World at Sentosa ranked Gigamon consistently better than the competition for:

- Filtering, slicing and de-duplication
- TLS decryption
- Inline bypass (rated best in class)

And that is good for business.

Initially drawn to Gigamon for our robust architecture and high-fidelity data, Resort World at Sentosa ultimately found its needs for complete visibility met, in addition to benefitting from the solution's “ease of administration,” “tremendous cost savings” and “storage savings.”

About Gigamon

Gigamon offers a deep observability pipeline that harnesses actionable network-derived intelligence to amplify the power of observability tools. This powerful combination helps IT organizations to assure security and compliance governance, speed root-cause analysis of performance bottlenecks, and lower operational overhead associated with managing hybrid and multi-cloud IT infrastructures. The result: Modern enterprises realize the full transformational promise of the cloud. Gigamon serves more than 4,000 customers worldwide, including over 80 percent of Fortune 100 enterprises, nine of the ten largest mobile network providers, and hundreds of governments and educational organizations worldwide. To learn more, please visit gigamon.com.



Gigamon is the tool that allows you to tap your network traffic for visibility, troubleshooting and performance analysis.

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