

POLESTAR 



**India's Largest Airport
Concessionaire Optimizes Data
Management with QlikView
Analytics**

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Client Overview



The client is India's Largest Airport Concessionaire, seeking to enhance infrastructure facilities and improve efficiency to meet customer requirements more effectively. To achieve their goals, they decided to replace their legacy data management and reporting systems with QlikView, a leading analytics solution.



Existing Bottlenecks

1. Massive amount of internally produced data:

The client was recording a vast amount of data, with 30,000 new rows added daily to a spreadsheet that already contained 60 million rows. This created data management and processing challenges.

2. Non-uniformity across data sources:

The lack of standardization across data sources resulted in the existence of multiple versions of the same spreadsheet. This compromised data sanctity and made it difficult to obtain accurate and consistent insights.

3. Slow data reloads: The data reload process took approximately 9.5 hours, failing to provide near-real-time insights needed for effective decision-making. This delayed the availability of crucial information, hampering operational efficiency.

5. Ineffective solution implementation:

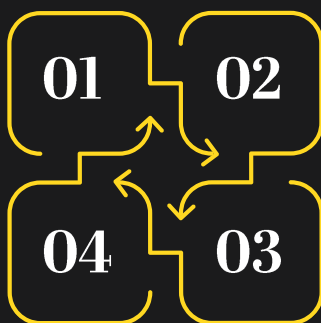
The previously implemented solution did not effectively address the existing challenges, causing business users to lose faith in its effectiveness. The lack of trust in the solution led to a chaotic process and low user adoption.



4. Slow response time: Each click on the existing solution platform resulted in 3-4 minutes of refresh time. This caused an average delay of 3.8% in accessing critical information, leading to inefficiencies in decision-making and operational processes.

Solutions Implemented

To provide world-class services, we understand the importance of continually assessing the business landscape and promptly addressing pain points. Our goal is to streamline processes, ensuring timely and accurate insights.

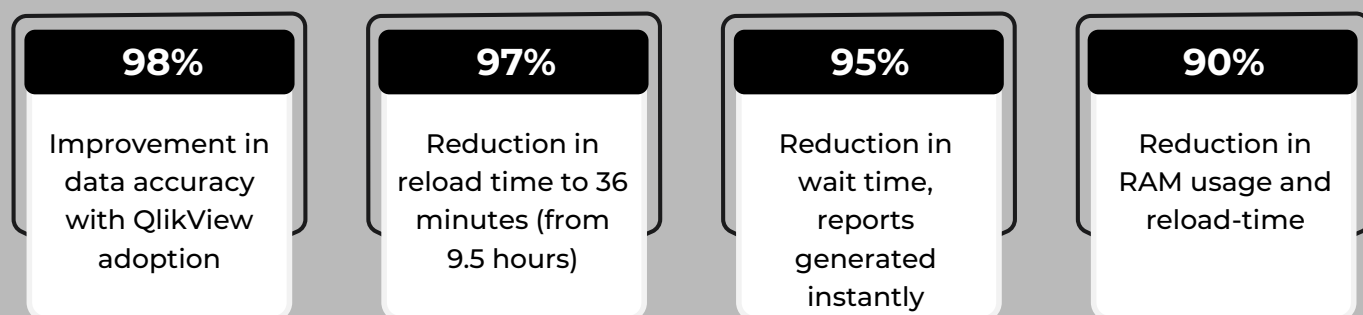


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Results Achieved



RAM Optimization:

After the implementation of QlikView, the reload time for data was significantly reduced from **9.5 hours to just 36 minutes**. This optimization was achieved by leveraging the three-layered ETL architecture provided by Qlik.

Real-time Information:

With the implementation of QlikView, the client gained access to near real-time information. **This reduced delays in accessing critical data by 95%**. Business users could make informed decisions based on the most up-to-date information, improving their performance by 80%.

Automated Reporting:

QlikView enabled the automation of reporting processes, eliminating the need for manual report creation. **This saved 90% of the time previously spent on report generation**. Reports could be generated instantly, reducing the wait time for accessing essential information by 95%..

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Performance Fine-tuning:

The performance of the QlikView solution was fine-tuned to optimize resource usage. As a result, RAM usage and reload time were **reduced by approximately 90%**. The per-click time was also optimized by up to **98%**, significantly improving the responsiveness of the system.

4. Reduced Turn-around Time:

The turn-around time for the delivered system was **reduced by 70%**. This improvement allowed the client to respond more quickly to changing market conditions and customer demands.

Data Sanctity and Confidence:

The adoption of QlikView improved **data accuracy by 98%**, ensuring data sanctity across the organization. With increased accuracy and trust in the data, users gained 90% confidence in the information they relied on for decision-making.

Future Considerations

The successful implementation of QlikView prompted the client to explore extending its usage to other functions within the organization, such as Aero, Cargo, SPG, and Operations. This expansion would further enhance infrastructure and efficiency in those areas, leveraging the power of QlikView's analytics capabilities.



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