

CASE STUDY

NETWORKING HARDWARE GIANT IMPROVED POWER BI PERFORMANCE BY 18X AFTER OPTIMIZATION

THE CLIENT

THE CHALLENGE



THE SOLUTION

The client found Beyondsoft through the Microsoft Power BI partner program. Beyondsoft's Power BI experts helped the client implement a series of optimizations using the most up-to-date tools. Leveraging Microsoft Power BI, Oracle Server, Smartsheet, Excel and R Scripting, the most pivotal optimizations included the following:

- The size of the data load was reduced by millions of rows to improve data refresh and data transformation times

- data elements

- The data model was updated to create a reduced memory-footprint of the analytics engine

- New and updated data relationships were created to allow enhancement of additional metrics and KPIs

- Calculation code was re-written to decrease complexity

THE RESULT

time from 6 minutes to 20 seconds per report, which represented a 18X increase in speed. The vast improvement in the reliability

executives to make proactive decisions that saved millions of dollars in operational and real estate costs.



