



Business Challenges and Objectives

- The core objective behind this project was to transition the client's system from Linux to Windows platforms.
- In addition to this, the client sought to address several key issues, including:
 - Eliminating dependencies on BI Java NetWeaver, as upgrades required BOBJ downtime.
 - Tackling versioning problems by resolving a system bug through migration, solving the identified issue.
 - Enabling AO & Galileo (3rd Party) Add-ons, which were restricted due to the limitations of Linux platforms.
 - Establishing a robust security model to migrate users from BI Portal to BOBJ, ensuring secure access and mitigating risks associated with system downtime.
 - Enhancing the system's capability to handle user sessions.
 - Optimizing BI support by consolidating teams and reducing the overall team size responsible for managing the entire system, particularly the BI Java (Basis Team).
 - Proactively prevent unwanted outages and minimize disruptions caused by patch upgrades.

Client

- Our client is an American Manufacturer of various flow control products. It specializes in producing valves, fittings, and piping products for various industries, including plumbing, industrial, commercial, and institutional markets. These products are used in plumbing systems, HVAC (Heating, Ventilation, and Air Conditioning) systems, industrial applications, and more.

Industry

- Manufacturing

Function

- Customer Data Analytics

Technology

- BOBJ/Data Viz



The Solution

- Conducted in-depth analysis of Linux, BOBJ, and BI Java NW, optimizing server resources for a new BOBJ landscape with Tomcat.
- Executed a seamless migration from Linux-based BOBJ to a Windows-based system.
- Implemented Single Sign-On (SSO) configuration for enhanced security with BW and AD servers.
- Fine-tuned APS and Web servers for increased user sessions and reporting requests.
- Installed and rigorously tested all BOBJ user and admin functions.
- Designed a robust security model for Enterprise Reporting.
- Facilitated the smooth migration of users from BI Portal to BOBJ, ensuring direct application access without BI Java dependency.



Outcomes and Benefits

- Enhanced system performance by reallocating 35% of CPU and RAM from BI Java NW to the new BOBJ environment, accommodating additional user sessions.
- Allocated 25% more system resources to manage new publications and schedules efficiently.
- Achieved a 15% improvement in response time by optimizing the Adaptive Processing Server (APS).
- Eliminated dependency on BI Java NetWeaver, reducing the need for Basis Team support and resulting in significant cost savings.
- Established a streamlined support model, ensuring a single maintenance window and preventing unwanted patch upgrades.
- Simplified the support structure for increased operational efficiency.