A leading manufacturing enterprise is migrating from **SAP ECC** to **SAP S/4HANA** on **SAP RISE**, hosted on **Azure**

The Business Analysis and Problems

A Manufacturing giant is using SAP broadly as the ERP system across a large number of business processes and daily operations, and plans to migrate the current ECC version of SAP to latest S/4HANA version hosted by SAP RISE on Azure.

Solution

We start by assessing HANA calculation views and categorizing them for migration to S/4HANA CDS views. For direct replacements, we ensure seamless integration with data pipelines and updates. Complex views are re-architected with new CDS views and pipelines to meet the business specific RFP requirements.

Requirements Alignment

Our team coordinated with the system integrator to ensure alignment between our migration plan for HANA calculation views and the overall migration strategy for S/4HANA RISE.

Before the cutout

- **Initial Planning:**
  Worked closely with the enterprise and the system integrator to understand project timelines, milestones, and dependencies.

- **Communication Channels:**
  We established clear communication channels and escalation procedures to facilitate ongoing collaboration and ensure that any issues or concerns are addressed promptly.

During the cutout

- **Real-Time Coordination:**
  Team maintained open lines of communication with both the enterprise and the system integrator throughout the cutover process.

- **Issue Resolution:**
  We worked collaboratively with the system integrator to troubleshoot and resolve issues and document in a timely manner, minimizing disruption to the migration process.

After the cutout

- **Complete Post-Implementation Support:**
  Our team continued to provide support to the enterprise and the system integrator post-implementation to ensure a smooth transition and address any lingering issues or concerns.

- **Robust Knowledge Transfer:**
  We facilitated knowledge transfer sessions with the enterprise's personnel to ensure they are equipped to effectively manage and maintain the S/4HANA RISE environment.

Best Practices Adapted

- **Identify and Analyze Existing Calculation Views:** Review existing HANA calculation views to determine complexity, performance, and dependencies

- **Leverage CDS View Features:** Use CDS annotations and data modeling capabilities to optimize views

- **Simplify Data Models:** Reduce complexity by consolidating logic in fewer CDS views

- **Reuse Standard S/4HANA CDS Views:** Leverage standard CDS views provided by SAP in S/4HANA

- **Optimize Performance:** Use buffering, filtering, and aggregations directly in CDS views

- **Ensure Compatibility:** Check that custom CDS views align with S/4HANA business logic

- **Security and Authorization:** Implement S/4HANA authorization checks via CDS annotations to maintain data security

- **Test and Validate Thoroughly:** Conduct performance tests and functional validation after migration to ensure accurate results and improved performance

Technologies Used

- SAP Database Migration Option (DMO)
- SAP Advanced Data Migration (ADM)
- SAP Data Services
- SAP HANA Appliances
- SAP HANA Cloud
- SAP Solution Manager
- SAP HANA Cockpit
- SAP Cloud Platform Integration (CPI)

Direction Software LLP

is your ideal partner for this transformation

With our expertise, personalized approach, and commitment to excellence, we ensure a seamless upgrade experience that unlocks the full potential of Business Central.

Take the first step toward modernizing your operations. Contact Direction Software LLP today for a personalized consultation.