

# ANNUAL BUSINESS PROCESS REVIEW

## CASE STUDY OF ROYAL STEEL MANUFACTURER

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# BUSINESS PROCESS MODELING CHALLENGES

- Inefficiencies in critical business processes:(Demand Planning, Procurement, Inventory Management.)
- Complexity of processes leading to difficulty in managing changes.
- Lack of standardization which make processes chaotic and inefficient.
- Inadequate tools for process modeling.

# DATA ANALYTIC DRIVEN SOLUTIONS

- **Analytics applied across key business stages:**  
**Demand Planning & Forecasting**  
**Procurement**  
**Inventory Management**
- **Identifying critical value drivers and isolated inefficiencies.**
- **Small, incremental improvements in each stage leading to:**  
**5-10% savings from individual process optimization.**
- **Integrated end-to-end system to connect processes seamlessly and enable near real-time data transmission.**
- **Optimizing an end-to-end system linking demand planning saving 50 percent—hundreds of millions of dollars.**

# SOLUTION IMPLEMENTATION

- **Step 1: Data Collection**

Gathered data across all critical stages of the business model

- **Step 2: Identifying Key Value Drivers**

Focused on areas with the highest impact potential: demand forecasting, procurement, and inventory

- **Step 3: Process Optimization**

Applied advanced analytics to discover inefficiencies and areas for improvement

Streamlined procurement and inventory management to match demand fluctuations

- **Step 4: Integration**

Rationalized systems to enable real-time information flow across all processes

Fostered cross-departmental collaboration and data sharing

# RESULTS

**As a result the following was achieved;**

- **Small, incremental savings (5-10%) across each business process**
- **End-to-end integration led to:**
- **50% cost savings (hundreds of millions of dollars)**
- **Enhanced forecast accuracy**
- **Improved inventory management and procurement efficiency**

# CONCLUSION

**THANK YOU.**