The manufacturing industry has long been the early adopter of robotics as companies used robots to perform daily activities in manufacturing plants. Recently, the industry took to adopting Robotic Process Automation (RPA) within their back-office processes too.

RPA is software that integrates with business processes to automate certain activities that minimize human errors and maximize productivity. Atos has helped various customers with the following use cases:

**Bill of Material Generation**

**Purchase Order Management**

**Invoice Management**

**ERP Management**

**Workflow Management**

**Accounting and Finance**

**Demand and Supply planning**

**Logistics**

**Report Automation**

**Benefits of using RPA in the manufacturing industry**

- Optimizes time-centric and repetitive routine processes
- Increases go-to-market speed by maximizing productivity
- Reduces cost by minimizing human errors and increase compliance
- Improves agility in operations
How Atos can help?

Achieve RPA success at scale
It is essential to spotlight a long-term RPA strategy that aligns with changing business processes and technology needs. The Atos RPA Center of Excellence (COE) and Governance Framework is a well-structured service developed by industry experts to provide leadership, standards, best practices, and support to your organization’s RPA initiative at scale. It is designed to be agile and to adapt to the rapidly changing RPA space. RPA allows enterprises to remain efficient, productive, and competitive by automating routine tasks on a large scale. Atos RPA COE services assure customers a successful enterprise-wide RPA implementation and its benefits. Typically, this is an 8-week engagement.

Increase top-line and bottom-line by identifying the right candidates
The Atos RPA workshop team will conduct a “deep dive” session and interviews to gather information, assess the current RPA environment, and examine the state of various processes. Atos will perform this assessment of current conditions and potential candidates with a proven methodology to develop recommendations for optimization. The scope for each process includes feasibility analysis and benefits estimation by scoring the process, calculating ROI, and determining detailed recommendations. Typically, this is a 4-week engagement.

Realize automation benefits by building robots with speed and scale
Atos RPA Build (development) Services are well-structured services developed by industry experts to build robots on demand, on scale, with speed and quality. It is designed to be agile to adapt to the rapidly changing RPA space. Atos Build Services allow enterprises to focus on automating various business processes with speed and agility, without worrying about the nuts-and-bolts details of robot build activities. Typically, the robot is built in less than 10 weeks.

Minimize production downtime
The Atos RPA scalable operation service is an innovative, ITIL-based support framework designed to operate thousands of robots 24x7, has a flexible tier-based pricing model, and supports a “build your bot” (citizen) model. Typically, it takes less than two months to take over the run operations (up to 50 bots).

Business/IT Process Automation
• Key differentiator: The Atos team includes experienced business process consultants to work with you to optimize the process before automation, leading to a 15-20% reduction in automation efforts.
• Takes less than 10 weeks to build and deploy an automation.
• Top-line ROI begins on day 1.
• Simple, predictable pricing model based on robot complexity: Simple, Medium, and complex.

Scalable Robot Automation
• Flexible and dynamic pricing model – as the number of incidents goes down, the price goes down. As the number of robots goes up, the price goes down.
• Customer enterprise dashboard and analytics to monitor the bots.

Intelligent Automation (AI/ML)
• Uses both historical and current data to make decisions and predictions.
• 70+ plug-and-play use cases.

IRPA Test Automation
Multi-faceted test automation approach
• Assessment phase: Test scenarios are identified (test plan).
• Build phase: Workflow unit test cases are built directly into the robot.
• UAT – end-to-end test scenarios are executed with the business teams.
• Helps to reduce quality issues by 30%.

Other Pricing Models
• Pricing is based on process outputs: volume of transactions processed.
• Pricing is based on business outcome or impact: Gain-sharing based on mutually agreed-upon parameters.

Atos works with customers to determine the appropriate pricing model. It requires a 2-day workshop to determine pricing.