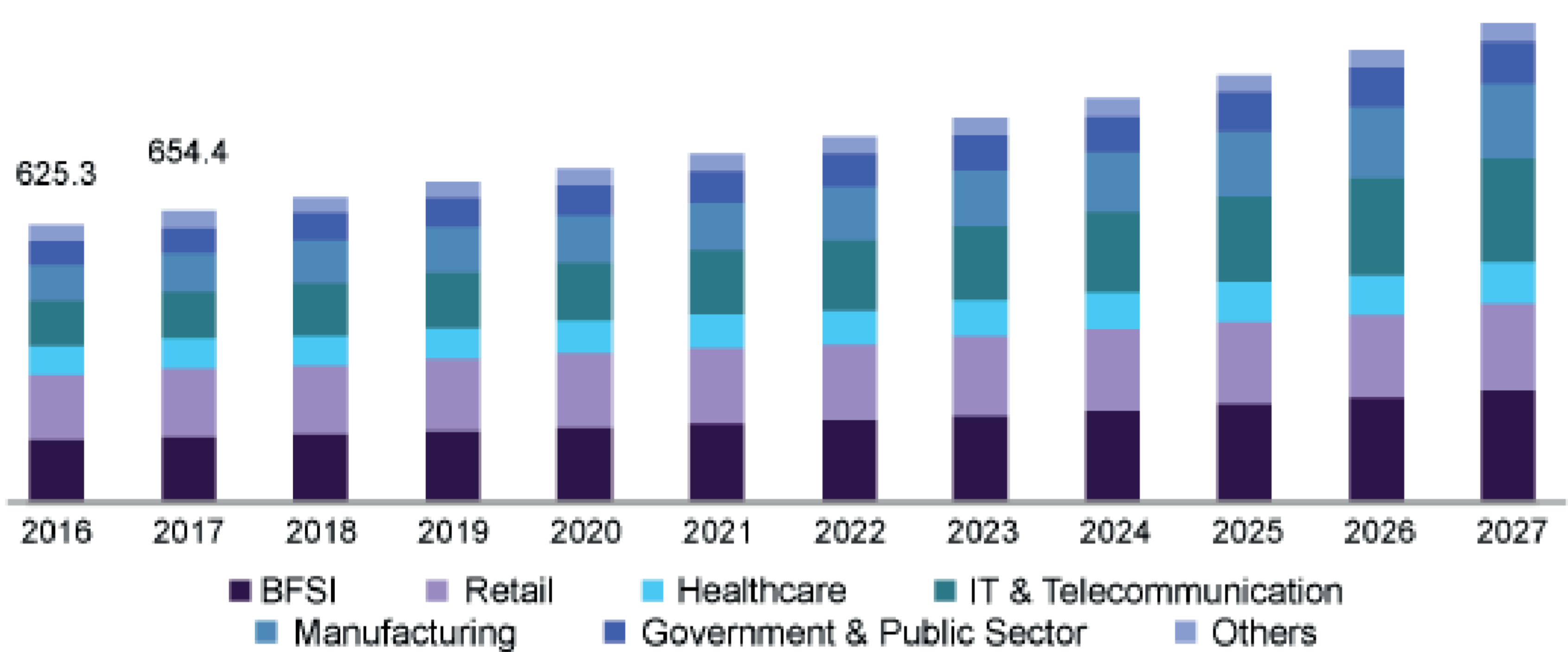


Workload Automation - Why Is It Important?

Workload Automation is a vital element for achieving success in the ever-changing IT and business environment of today. It plays a central role in automated enterprises by enabling the smooth execution of processes, workflows, and tasks across different operating systems and architectures. This reduces the reliance on frequent human intervention, thereby enhancing efficiency and productivity.

As per the report, the Workload Automation market is expected to grow at a CAGR of 6.5% from 2020-2027.

U.S. workload scheduling and automation market size, by end-use, 2016 - 2027 (USD Million)



Source: www.grandviewresearch.com

Key Drivers Behind the Growth of Workload Automation

Increasing Workload Complexity

Cost & Time Saving

Increasing Demand for Data Analytics

What is Workload Automation?

The advent of Workload Automation (WLA) has transformed the way businesses manage their operations, utilize software to schedule, initiate, and carry out various tasks. This automated method eliminates the requirement for manual intervention, facilitating the smooth execution of business processes, transactions, workflows, and other essential tasks. Unlike conventional automation systems, workload automation software emphasizes real-time processing, event-driven triggers, and contextual dependencies, surpassing simple time-based scheduling.

Examples of Workload Automation

Data Processing & ETL

Automate the data extraction and processing from various sources, transform it into a desired format, and load it into a target system or database for service ticket resolution.

Report Generation

Automate report generation by pulling data from different sources, applying transformations if needed, and distributing the reports to relevant stakeholders via email, file sharing, or other channels autonomously.

Batch Processing

Schedule and execute batch jobs, such as data transformation, calculations, and report generation and ensures that batch processes run smoothly and on schedule with workload automation.

Job Scheduling

Perform automated scheduling of jobs & process within IT organization such as system maintenance, log rotation, database backups and system monitoring.

Cloud Orchestration

Automate tasks across on-premises systems and cloud platforms & provision resources to deploy applications, integrate data, and scale infrastructure based on workload demands.

Application Deployment

Automate server provisioning, installation of software packages, and configuration of application settings. Also ensures consistent & efficient deployment processes with workload automation.

Critical Path Monitoring

Closely monitor the tasks and dependencies within a workflow to identify the critical path—the sequence of tasks that determines the overall duration of the workflow using workload automation.

How does RPA Work with Workload Automation?

Integrating RPA tool in workload automation can help businesses in delivering scalable IT ecosystem. Using RPA in workload automation offer business-

Drag & Drop Interface to Deliver Agile Operations

Monitor Business SLAs & Increase Uptime for Business Workflow

Orchestrate End-to-End Business Workflow

Business Process Automation with Extended Visibility