AccTech® Systems

MODERN FLOW

ModernFlow

Modern Flow is a business process automation (BPA) solution that forms part of the digital transformation journey. It makes use of cloud-enabled technology to automate simplex or complex business processes. A business using *Modern Flow* will have the ability to simplify their business by controlling data inputs, increase service delivery and quality, contain cost and improve overall productivity. It consists of integrating new and existing applications throughout the organization to achieve a centralized interface for all data workflows.

If you categorise Business Process Management Software into three main categories, Mode focuses on all areas to enable companies an automated process no matter what the process or complexity is:

· *Integration-centric -* support process improvements involving a high degree of interactions between applications at a system-level, rarely involving human participants.

· *Human-centric -* focuses on the human element of the process while designing the workflow.

      A) People-intensive - normally consists of a high level of interactions between people involved in routing, approving and fulfilling requests.

      B) Decision-intensive - comprises thorough information gathering and timely invocation of applicable business rules and real-time analysis of business intelligence

· *Document-centric -* makes use of scanned images or electronic documents to support approval, decision-making and planning efforts.

WHERE TO START WITH YOUR BUSINESS PROCESS AUTOMATION JOURNEY

· Identify processes where it makes sense to automate

· Take existing manual processes and start inserting our tools to improve them

· Internal and External Engagements should be automated

· Repetitive Tasks

· Identify small tasks that can have a big time and performance impact

· Connect various software solutions to enable streamlined central processes

Typical Business Processes for Automation include but not limited to:

- Purchase requisitions
- GRV, Invoices
- Creditor reconciliation
- COD payments
- Recurring contract payments
- Asset requests
- Employee onboarding
- Debit notes / Credit Notes
- Expense claims
- Travel Requests
- Employee GEO Tracking
- Sales Delivery GEO Tracking
- Application Access Requests
- Timesheets
- Budgeting

- Sales Leads
- Assets Transfers
- Asset Verification
- Employee Termination
- Business Card Requests
- Vehicle Entry Pass requests
- Leave Request
- Vendor on and off boarding
- Capex Requests
- Loan Requests
- Boardroom Bookings
- Performance Reviews
- Employee Referral
- Salary Advance Requests
- inventory replenishment

Enhance your processes and connect IOT devices to your processes Connect IOT sensors to drive business processes and data collection, these sensors can be used for:

- Temperature
- Humidity
- Dew point
- Barometric pressure
- Movement sensing

- Vibration
- Mechanism monitoring and controlling
- GPS location
- RF positional tracking

Why is Microsoft Azure our Preferred Platform for Process Automation?

It's cost-effective

Cloud computing provides a pay-as-you-go or consumption-based pricing model. This consumption-based model brings with it many benefits, including:

· No upfront costs
· No need to purchase and manage costly infrastructure that you may not use to its fullest
· The ability to pay for additional resources only when they are needed
· The ability to stop paying for resources that are no longer needed

It's scalable

You can increase or decrease the resources and services used based on the demand or workload at any given time. Cloud computing supports both vertical and horizontal scaling depending on your needs.

It's elastic

As your workload changes due to a spike or drop in demand, a cloud computing system can compensate by automatically adding or removing resources.

It's current

When you use the cloud, you're able to focus on what matters: building and deploying applications. Cloud eliminates the burdens of maintaining software patches, hardware setup, upgrades, and other IT management tasks. All of this is automatically done for you to ensure you're using the latest and greatest tools to run your business.

It's reliable

When you're running a business, you want to be confident your data is always going to be there. Cloud computing providers offer data backup, disaster recovery, and data replication services to make sure your data is always safe. In addition, redundancy is often built into cloud services architecture so if one component fails, a backup component takes its place. This is referred to as fault tolerance and it ensures that your customers aren't impacted when a disaster occurs.

It's global

Cloud providers have fully redundant datacentres located in various regions all over the globe. This gives you a local presence close to your customers to give them the best response time possible no matter where in the world they are.

You can replicate your services into multiple regions for redundancy and locality or select a specific region to ensure you meet data-residency and compliance laws for your customers.

Modern Workplace

The modern workplace is evolving at lightning speed, with distributed teams, brand-new business models, and complex security issues. The right digital tools connect and support employees, wherever they are, to encourage productivity, engagement, and collaboration. Modern Flow seamlessly integrates with Microsoft's Modern workplace and productivity apps.

On-Premises or Cloud Deployment

It's no mystery why so many companies choose cloud deployment for their BPM or process automation solutions. Up-front costs can be lower, and upgrades and fixes are taken care of. However, some organizations require on-premises deployment due to various reasons. Modern Flow can be deployed as a Cloud, On-Premise or Hybrid solution.

Comprehensive Data and Document Management

Today's business processes create masses of data, and in many cases a large number of documents as well. Data and document management are challenges many enterprises face, but our BPM system includes powerful data and document management capabilities, it's easy to meet these challenges and create an outstanding system-wide repository.

Simple Setup & Ease of Use

BPM software is famous for how complicated it can be. Most of the older solutions are very hard to implement.

Modern Flow solution is significantly easier to set up. The key here is:

- Instant Registration.

- Lower Fees.

- Visual Modelling of Processes and Forms.

- No Code configurations

- Role based routing for easy maintainable setups.

- Predefined and pre-configured processes.

- training is either done on-site or through online courses.

Microsoft Azure Services

Modern Flow has been development on the Microsoft Azure Cloud platform allowing for Azure services to be utilized within our automation platform Some of the services include:

- *Azure Bot Service* - Intelligent, serverless bot service that scales on demand

- *Form Recogniser* - The AI-powered document extraction service that understands your forms

- *Cognitive Services -* Add smart API capabilities to enable contextual interactions

- *Face -* Detect, identify, analyse, organise, and tag faces in photos

- *Azure Machine Learning service* Bring AI to everyone with an end-to-end, scalable, trusted platform with experimentation and model management.

Integrated

To get the most out of the automation capabilities of BPM, you need to integrate the software with the rest of your systems.

Without the ability to integrate with existing software systems, you will be stuck doing a lot of manual data transfers back and forth Modern Flow manages multiple data source connections of various types and platforms being Cloud based or on-premise.