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# ServoStreams®
## BPM Product Suite

Advanced BPMN2.0 comliant platform for rapid automation of business processes involving Human & Robotic executers.

**ServoStreams®** is the state of the art BPM (Business Process Management) product suite, designed for automating and streamlining business processes or workflows that can be changed or evolved easily, as per business needs of the enterprises from time to time. This product is laced with advanced features and capabilities like in-memory execution of rules, BPMN2.0 compliance, and so on. The product suite supports rapid application development of workflow-based business applications.



**ServoStreams®**

Business Process Management Suite

Advanced BPMN2.0 compliant platform for rapid automation of business processes involving Human & Robotic executers.

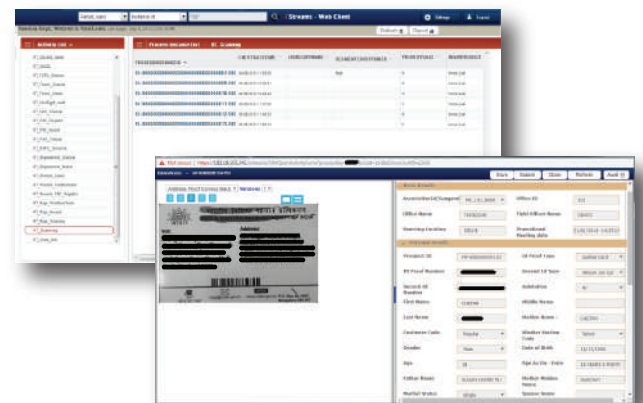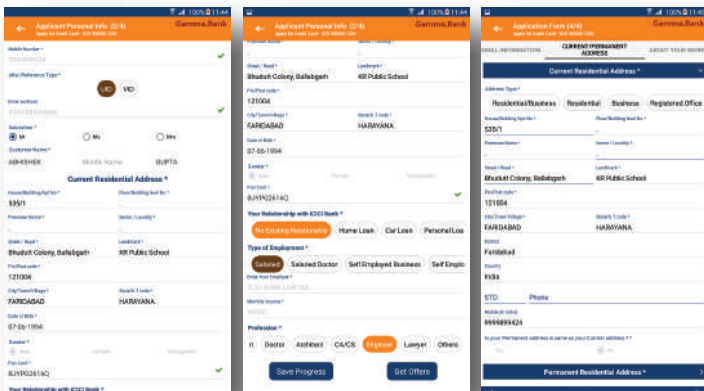## ServoStreams® Product Suite has the Following Features & Components

### Framework & API Toolkit

At the heart of the **ServoStreams®** framework and toolkit lie flexible components and well-thought APIs (Application Programming Interfaces) that fulfil a wide range of requirements of the customers. It enables application architects to design most advanced and scalable systems, allowing easy manageability of process life cycle, deployment, execution, and continuous optimizations/improvements.

### User Web Desktop - Human Work-flow Touch Point

**ServoStreams®** offers a comprehensive and scalable Human Workflow touch points framework for creating applications that support dynamic activity flow. As business processes usually require human intervention, the User Web Desktop provides complete view of the activities related to processes and cases pending for action.

### User Mobile - Interface



**ServoStreams®** platform has been designed with Mobile-First approach which gives a set of API to integrate client side mobile applications or build custom mobile interfaces as per the enterprise's requirement. This is especially useful for carrying out field-based activities while maintaining a single version of truth as the data remains synchronized for real-time web interfaces.
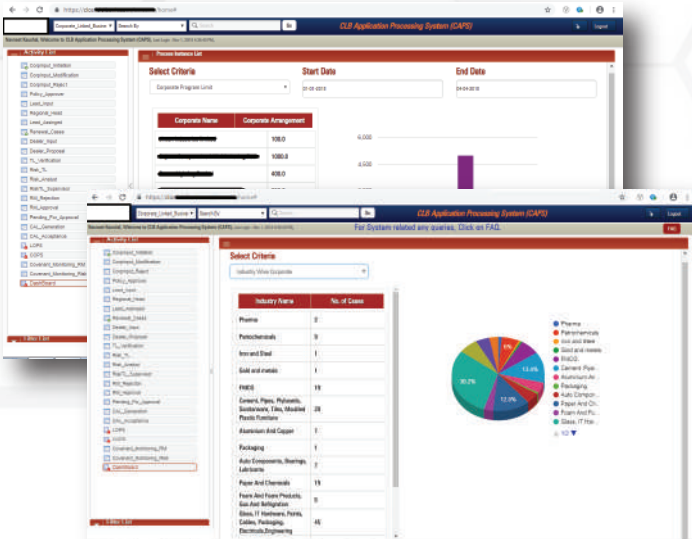


**The primary functionalities provided include:**

» *Single User interface to all the users for managing tasks*

» *Task assignments based on role that can be configured on the basis of parameters*

» *In-built Active Directory Integration*

» *Escalation mechanisms to ensure tasks are monitored properly*

» *Making processes available to all employees over the intranet/Internet based on rights*

## Master Data Management

The Master Data Management (MDM) module of **ServoStreams®** provides web-based functionality for managing masters. The maintenance of master data including entry, editing, searching and retrieval of data, etc. are catered by this module. This module manages the potentially redundant and inconsistent data across various applications.

## Dashboard



**ServoStreams®** enables you to produce reports which can show real-time as well as periodic data. The reports are important for measuring and monitoring process effectiveness and can also help get insights for process improvement from time to time.

## BPMN 2.0 Process Modeller Ingestion

**ServoStreams®** supports process definition in accordance with BPMN (Business Process Model and Notation) standard. Our Execution Engine takes a subset of BPMN 2.0 compliant XML input for process deployment.

## Web Admin Console

**The Web Admin Console module of ServoStreams® provides unified web-based interface for organizations to execute, deploy and manage processes. The high level functionalities are:**

» *Centralized management of the admin*

» *User admin tasks such as adding new users to process, editing and deleting existing users, and managing security*

» *Admin capabilities such as updating activity properties, routes, rules, etc.*

» *Allows assigning tables and searching variables for the selected activities*

» *Provides web user interface for defining variables and routing rules*

» *Makes process deployment and management easy*



## Execution Engine

Execution Engine is the heart of the **ServoStreams®** product suite and is based on the state-of-the-art technologies. This piece is responsible for execution of rules. It routes the work to queues, users or systems as per definitions.

## Routing Rules Engine

**ServoStreams®** has built-in Routing Rules Engine for routing that moves the work from one step to the next, based on business rules. It allocates task, to different executors (humans & robots), communicates data and documents among participants, thereby facilitating paperless process. The Rules are processed on the fly through "in-memory processing".

## "In-Memory" Rules Processing

*Faster response rate with minimum hardware requirement helps in achieving better throughput. Prevents delays in bulk submission, and requires no separate configuration for processing services.*

## Customizable Workflow

*It equips users with power to easily design, automate and publish workflows with an easy to configure platform. Define Business/Credit rule quickly, and customize the critical business processes to scale the operation & meet the 'always-changing' business needs.*

## Routing Rule Engine

*Auto-routes/allocates cases to different executors, shares data and documents among stakeholders, thereby ensuring paperless process & single version of truth for the entire organization.*

## No Proprietary Process Modeler

*ServoStrems does not use proprietary process modeler to ensure "portable" process definition; also eliminates the understanding gaps between process owners and developers & saves rework for implementer.*

## Online/Offline Modules

*Online/Offline workability helps field executives in their works - lead generation, house verification, collections, etc., and thereby providing "seamless field to back-office" capabilities.*

## Seamless Integrations

*API and Non API based integrations with existing third-party systems dramatically improves the productivity of employees with no recurring investments.*

## Low-code Platform

*ServoStreams is equipped with smart configurable components that not only gives you the flexibility to modify the process but also do it with minimum possible coding effort.*

## Compliance Management

*Introduction to new regulations by governing authority or board decisions are common. Meeting 100% compliance shall never be a problem statement for IT.*

## Other Miscellaneous Features

*It is "Applet-independent", requires no JRE deployment at the client, uses "mobile-first" design, and is more "developer-friendly", as the developers can define their own JSPs.*

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## About Servosys

Servosys is one of the fastest-growing providers of software products and technology services for business process automation solutions that address challenges like process turn-around time, organizational productivity, service quality, regulatory compliance, business scalability, operational visibility and excellence. Servosys has the best solution expertise in areas such as Business Process Management, Robotic Process Automation, Document Management, Mobile Imaging, Scanning, Artificial Intelligence & Machine Learning. The company serves various industries including Banking, Financial Services, Insurance, High-tech & Services Organizations.

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