



**ON-PREMISE  
Infrastructure as a Service  
(IaaS) ON TOP OF  
ANY BACKEND INFRA**



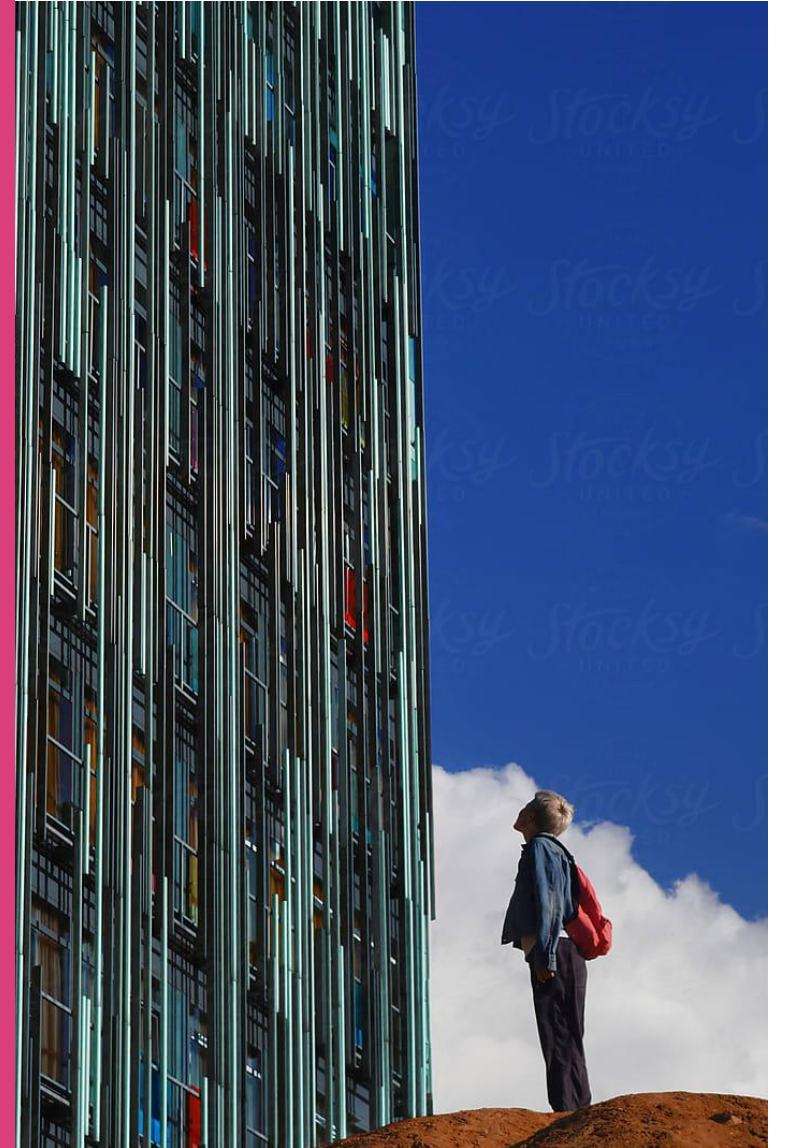
One of the biggest challenges Enterprises face when it comes to Server Infrastructure is its management. Most of them should have solutions that require high human intervention and multiple window management.

The solution is a system that will enable whole end-to-end lifecycle, self-servicing, just-in-time provisioning and automated delivery of services to its numerous business units using Infrastructure or other cloud service providers.



# CHALLENGES

- Human error prone and highly dependent on manual processes.
- Adding/Removing a process is highly time sensitive and requires application change.
- Scale up / Scale Down on realtime is not possible.
- High recurring license costs when using third party applications.

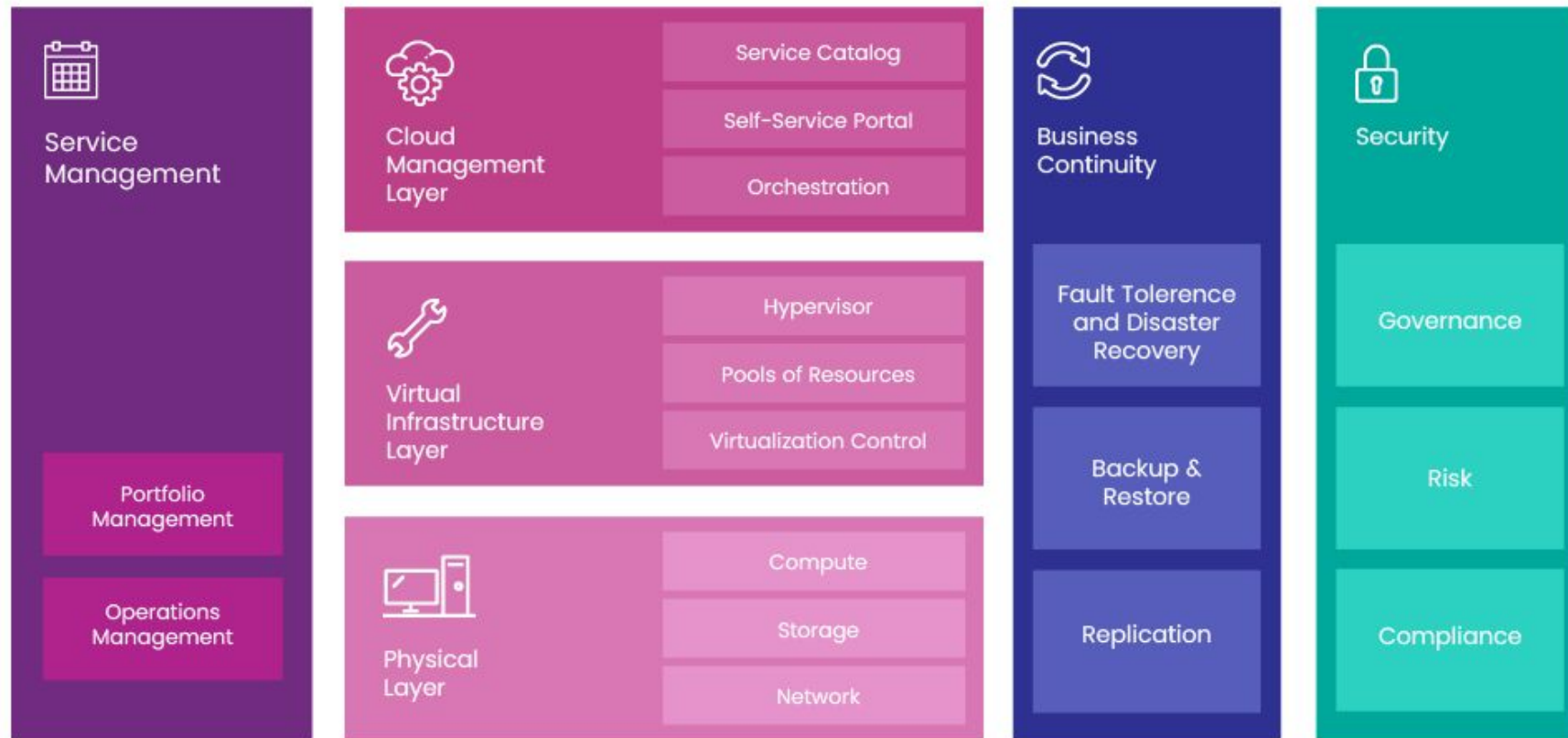


# THE SOLUTION

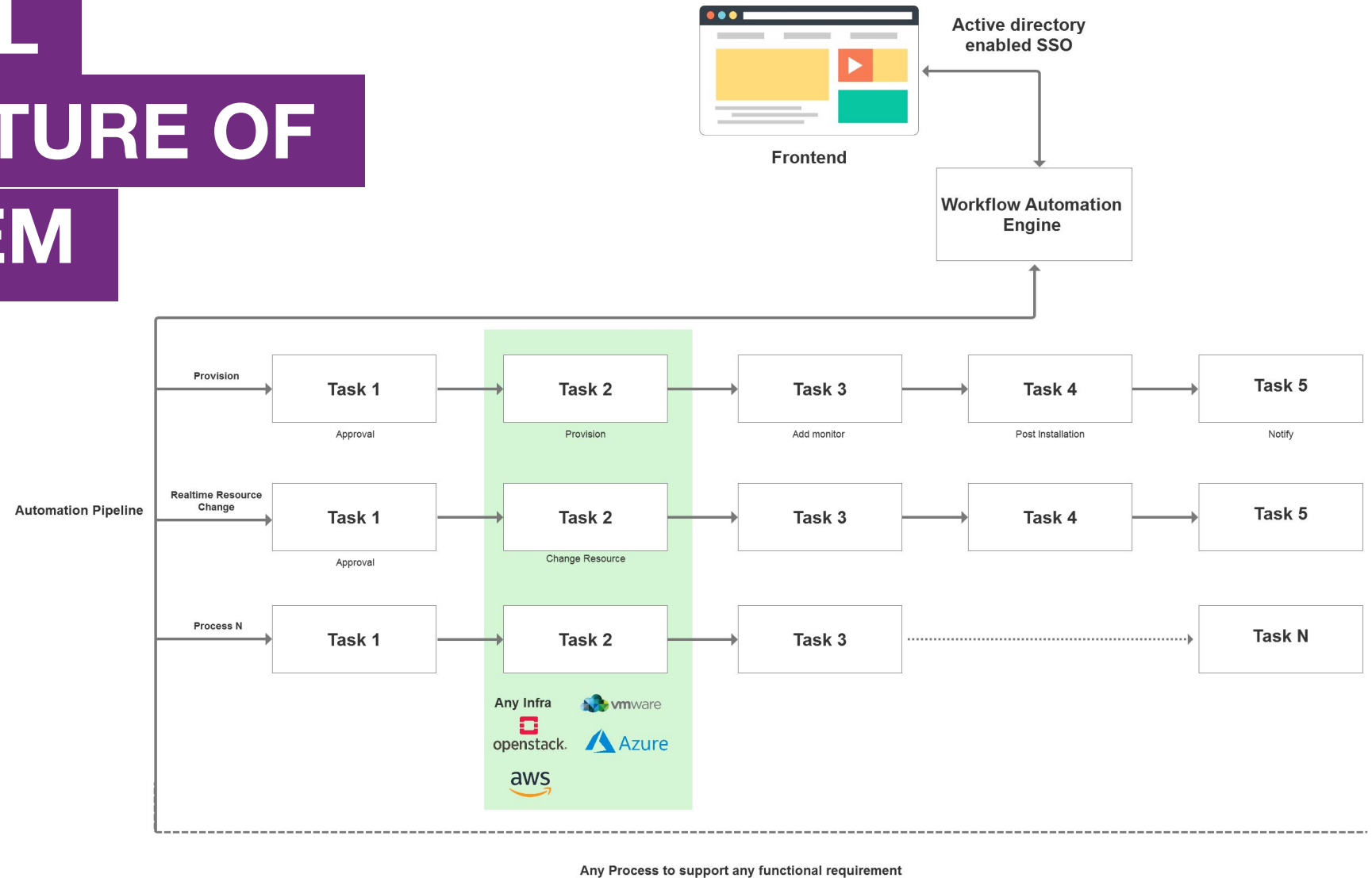
An application that supports:

- Fully Automated Server provisioning.
- Realtime Resource Management.
- Easy integration for DR, Monitoring, Patch Management etc.
- Open source hence no license cost.
- High Operational Efficiency.
- High Turn Around Time's ( TAT).
- Self Service Portal

# HIGH LEVEL ARCHITECTURE OF THE SYSTEM



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# HIGHLEVEL OVERVIEW - FRONTEND SYSTEM

- Realtime server Configurable options.
- SSO enabled Single interface for Admins, Managers and Auditors.
- Simple approval mechanisms.
- Prebuilt configurations.
- Total control from a single panel.

# HIGHLEVEL OVERVIEW - WORKFLOW AUTOMATION ENGINE

- Ability to define tasks in any combination to get a functional requirement up and running without any application level modification.
- Error, bug tracking made simple and easy.
- Capacity to plug-in / plug-out any tasks without system re-engineering.



# HIGHLEVEL OVERVIEW - BACKEND SYSTEM

- Ability to integrate with any backend core virtualization applications with APIs.
- Multiple Infrastructure Management from single window.
- Plug-in/Plug-out solutions like VMware and Openstack or any public cloud with ease.

# ROLE OF OPENSOURCE

## Frontend - Drupal

- Highly configurable
- Highly normalized database
- Good API support out of the box
- Easy to perform data analytics
- Good community support and active development

## Workflow Automation - Camunda

- Can create any number of workflows
- Easy to track running processes
- Plug in new tasks with easy
- Amazing API support
- Easy integration with any frontend
- Stores history of all tasks executed for later analysis

# ABOUT US

PiServe is a leader in Automation, Application Development/Support, Infrastructure Management Services and Cloud.

We leverage our experience, knowledge and services to help build trust and confidence in the capital markets and in economies all over the world.

Develop, deploy, and maintain quality IT systems become infeasible in terms of efficacy and cost-effectiveness, choosing the right IT partner can be a game-changer. PiServe has proven expertise and experience to provide you the right IT solution for the right purpose at the right time.

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