HCL

PLATFORM ACCELERATION SUITE (PAS)

Platform Acceleration Suite (PAS) is a powerful software platform from HCL that provides the necessary building blocks for building next generation software/ services faster. PAS brings together packaged application frameworks, re-usable software components, automation tools for developers & testers, support for best of breed architectural patterns, and best practice templates to provide acceleration to the development of software/platforms.

MARKET
CHALLENGE

- Without a "reuse/foundation" approach to software, organizations end up having significant redundancies in infrastructure, licenses, people, and processes, thus leading to an inefficient delivery of services.

- Creating a Platform that can act as a foundation to launch business services requires significant investments in terms of cost, skill and time.

- A global service creates different code base of comparable functionalities, thus leading to increased cost of maintenance of these applications

- With high pressure on cost and time to market, it is difficult to approach software   as a "wholistic" solution. Tactical decisions always take priority over strategic ones   in most cases.

FEATURES

- Standardized and Integrated Best of breed technology stack

- Data Management to store, retrieve, encrypt, import, and export data

- State of the art built in security for preventing attacks and ensuring compliance

- Built in Internationalization, Edition Management and a Metadata Engine for customization

- Built in archetypes for API, UI, Hybrid, Batch services, Integration Service and workflows.

- Support for multiple architectural patterns, including Event Driven, N-Tier, and Microservices.

- Integrated AppBuilder tool for code generation for domain models, template-based UI, Unit Tests and, Automation Scripts.

- Packaging and containerization support and back-up and restore for business continuity.

DIFFERENTIATORS

- In-built tools, workflows, rule engines, libraries, etc. enable rapid creation of multi-tenant apps and the   conversion of single tenant apps to multi-tenant apps

- Easy on-boarding of new countries/entities by simple to use configuration without any additional development effort

- Uniform platform to support different stakeholders

- Extensibility to address data model extensions specific to country/brand/branch

- Configurability to alter workflows, business rules, validations specific to country try/brand/branch Access control to enable fine grained control to different functions of the application

- Support for single instance and distributed deployment models.

- Drag and drop application development and built-in packaging and containerization support for rapid application development and deployment

CUSTOMER **BENEFITS**

PAS brings in the following benefits while taking to a platform-based approach for software development.

Industrialization	Promotes the use of commoditized skills to perform complex jobs
	Technology and Engineering process standardization
Acceleration	Automation to ease code development
	Reusable components accelerate software development by at least 30%
Quality enforcement	Pre-built components driving "Get it right first time" benefits
	Best practices enforcement through design itself
Total Cost of Ownership	A Platform based approach reduces the cost of building new services by up to 50%
	Open Source Components allows the overall cost of ownership to be low

PROOF POINTS

#1: For a global medical company, launched Integrated Device Services, thereby achieving the following benefits:

- **4820** devices additionally sold
- Eliminate paper record storage
- Improvement in device uptime by **27%**
- Reduction in field visit costs by **18%**

#2: Launched Global PHI based services for a leading incontinence care products vendor & achieved the following results:

- Infrastructure Cost reduced by **40%** because of multi-tenant deployment
- Support Cost reduced by **60%** because of centralized management of the platform
- **30%** license cost saved by removing multiple deployments.

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