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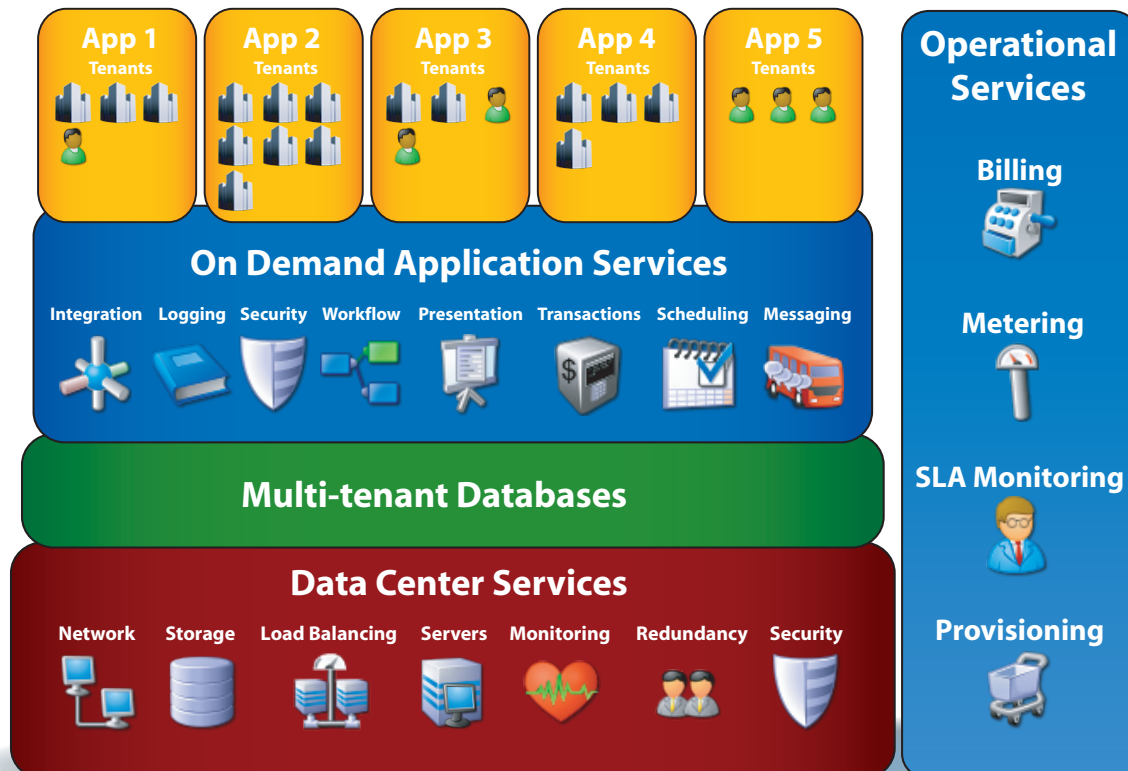
ALICE
SaaS & Cloud Development Platform

Introduction

The rapid proliferation of Software as a Service or On Demand software is having a profound impact on the software industry. The change is being propelled by the desire of companies to expect more value and better software from vendors. Businesses and consumers want to first try and then purchase applications and web services on the Internet. Furthermore, consumers are looking to use innovative payment methods like pay per use and subscriptions to pay for software.

Software companies are responding to this need by trying to deliver their applications over the web and adopt subscription and other pricing models. Unfortunately, companies are discovering that delivering scalable and robust applications over the web is no easy feat. SaaS applications require functionality such as multi-tenancy, usage metering, contract and subscriptions management, service provisioning, hosting infrastructure, security, revenue collection, and more. These requirements introduce serious technological and business hurdles that every software vendor must overcome in the evolving software as a service landscape.

Alice: Software As A Service Platform

Alice is a comprehensive SAAS Platform for rapidly building and delivering On Demand/SAAS applications and business services. If you are building a SAAS application, Alice can help you build your applications quickly and inexpensively, ensuring that your customers can access your applications in the shortest possible time.

App 1 Tenants | App 2 Tenants | App 3 Tenants | App 4 Tenants | App 5 Tenants

On Demand Application Services

Integration | Logging | Security | Workflow | Presentation | Transactions | Scheduling | Messaging

Multi-tenant Databases

Data Center Services

Network | Storage | Load Balancing | Servers | Monitoring | Redundancy | Security

Operational Services

Billing

Metering

SLA Monitoring

Provisioning

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Features & Benefits

Scalable Multi-tenant Architecture

The foundation of a mature SAAS application is based on building a multi-tenanted and scalable architecture. Successful SAAS applications are built as single instance applications that are shared by multiple clients on a common hardware and software infrastructure to achieve economies of scale. Alice's unique out of the box architecture allows developers to fully leverage the benefits of multi-tenancy along with a set of diverse On Demand Application Services (described below). Along with multi-tenancy comes a robust multi-tenanted load balanced scale-out architecture that uses standard technologies and infrastructure. This removes tremendous complexity and risks from the SAAS application development process, and has the potential to save companies years of development time, and millions of dollars in development and operational costs.

Application Services

Alice's On Demand Application Services hide the technical complexities of SAAS development, and enable developers to focus on business logic. Standard application services like Logging, Validation, Presentation, Security, Workflow, Transactions, Messaging, etc. are addressed comprehensively. These services can be used by developers during SAAS application development, and can be weaved in and out of the application without changing business logic.

Operational Services

The operational overhead for SAAS application delivery is significant. Issues like monetization, billing, SLA management, and application provisioning are complex issues and companies face enormous hurdles in cost and time in trying to address these challenges. Alice's Operational Services can be used by application developers to incorporate billing, pricing, SLA management, and provisioning services without writing any code. Furthermore, if companies choose to bypass these services Alice's open and loosely coupled architecture does not impose any tie-ins thus enabling you to make the best decisions about your application needs.

Software Hosting and Data Center Services

Ekartha's comprehensive hosting and data center management services are provided through its market leading Data Center and Hosting Partners. State-of-the-art data centers and backup facilities are located in multiple regions in the United States. All facilities are identical and transactions are mirrored almost instantly, making interruption of service related to hardware problems or data issues virtually impossible. Full disaster recovery services are provided, and automatic application redundancy is provided in case of failures. Ekartha provides rigorous Service Level agreements, so that your customers can enjoy high availability and superior experience when using your SAAS applications.