

Enabling Software as a Service

End users have embraced Software as a Service (SaaS) as a model to take software infrastructure and maintenance concerns off their plates. Instead, the burden of delivering software to those end users in a hosted fashion falls squarely on the Independent Software Vendor (ISV). Efficiently delivering software over the web requires applications to be architected differently than traditional on-premise software, and requires an array of back-office and customer portals to centrally manage the applications. Attending to these important but ancillary issues can cause delays in time to market *and* increased engineering costs. In addition, the uncertainty and maintenance of a new architecture can also be very costly. **Fortunately, SaaSGrid can help!**

SaaSGrid: The SaaS Application Server

SaaSGrid is a distributed SaaS application server that eliminates the difficulties of building and delivering Software as a Service (SaaS). By smashing significant technical hurdles like multi-tenancy and grid scalability, while at the same time providing "out of the box" application services like metering and monetization, billing and subscriber management, and much more, SaaSGrid greatly reduces the barrier to entry for SaaS.

With SaaSGrid, companies are able to focus 100% on their core application rather than sinking time and money into the specifics of the SaaS delivery method. ***As a result, companies get their SaaS offerings to market much faster, with lower capital requirements, and reduced ongoing maintenance needs.***

Key Benefits

Drastically reduces time and capital requirements through out of the box multi-tenancy and SaaS business systems.

Simplifies the development process by building upon Microsoft .NET – no major learning curves or SaaS-specific language lock in. This allows companies to mobilize existing intellectual property, existing knowledge, and off the shelf or open source components.

Empowers business teams to manage all aspects of how applications are monetized via a code-free interface

Flexible licensing options allow companies to build their own private cloud, or host their applications via a SaaSGrid Cloud Pro.

Powerful Business Modeling: Your business teams can manage your applications exactly as they want, without being explicitly tied to the code written by your developers. SaaSGrid provides a web portal that gives your business and marketing teams the subscription and contract management tools necessary to innovate and flex with market demand when monetizing your services. Once an application is deployed, you define metadata through a user-friendly interface, specifying how your application is sold including flexible subscription terms, feature costs, and feature bundling. Thousands of configurations are possible for a single application. ***This liberates sales and marketing from dependency on R&D, allowing sales to react to market change without initiating an expensive development → test → deployment cycle.***

Let Your Business Do The Driving: SaaSGrid dispels the notion of language 'lock in' and is built upon the popular Microsoft .NET platform. Companies can deploy a new or port an existing single tenant service-oriented application as a scalable, secure, multi-tenant SaaS application with significantly less effort than starting from scratch and without compromising the ability to run on-premise.

Leave Multi-Tenancy to SaaSGrid: Multi-tenancy allows for an efficient model of software delivery where multiple customers share the same application instance *while maintaining an isolated experience*. This gives each customer encapsulated safety and data separation while enabling the application provider to produce unique customer experiences. Architecturally, this difficult part of building a SaaS offering is a core part of SaaSGrid, and applications deployed with SaaSGrid are automatically endowed with a full multi-tenant architecture. More importantly, SaaSGrid lets companies decide what degree of multi-tenancy (e.g. completely isolated, shared) they require at deploy time rather than design time.

At a Glance: SaaSGrid handles a significant portion of SaaS delivery at the application server level, including:

- Multi-Tenancy
- Customer Management
- User Management / Directory Services
- Role Management and Access Control Framework
- Application Lifecycle Management
- Monetization & Billing Architecture
- Provisioning and Customer On-boarding
- Customer & Revenue Analytics
- Centralized Application Logging & Error Management
- Tenant Aware Execution