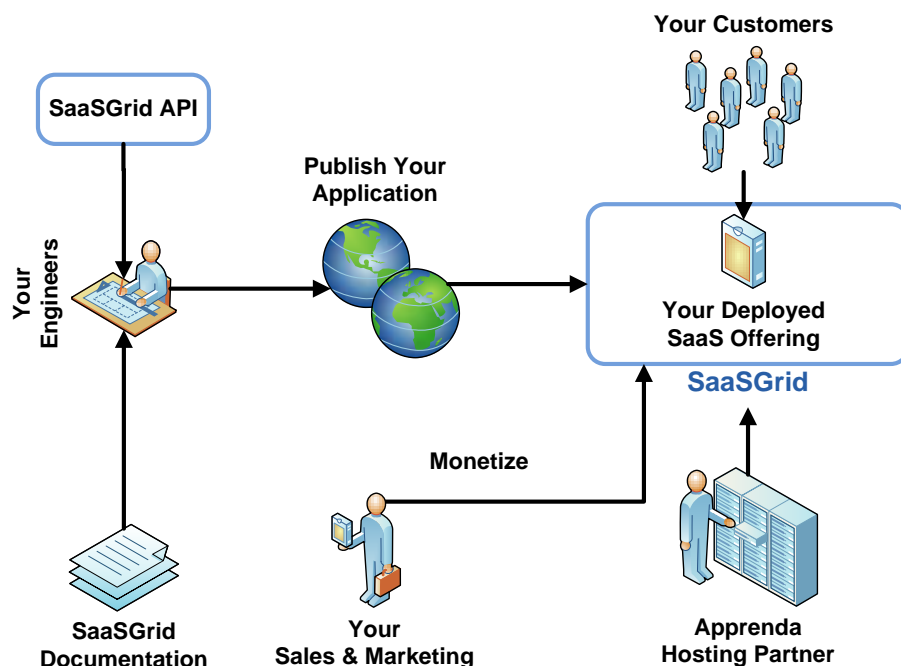# apprenda

Say Hello to **SaaSGrid**™

The Fastest Way to Move Your Microsoft .NET Business to a Powerful SaaS Model

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 you. Efficiently delivering your software over the web requires your application to be architected differently than traditional on-premise software, and requires an array of back-office and customer portals to centrally manage your application. Attending to these important but ancillary issues can cause delay time to market and increased engineering costs. The uncertainty and maintenance of a new architecture can be costly. Fortunately, SaaSGrid can help!

Apprenda's SaaSGrid is an enterprise grade distributed application server built to flatten SaaS hurdles. It allows you to focus on your core application rather than sinking time and money into building your own SaaS architecture. Functioning much like an operating system, SaaSGrid abstracts many intricacies away from the application. By using SaaSGrid and factoring these intricacies away, your customers can access your application's value sooner. SaaSGrid provides software vendors with an advanced starting point for development that includes the necessary mission critical components required of SaaS applications. SaaSGrid removes the need to focus on SaaS architecture specifics, and provides a safe, scalable, and available online application container for deployment. As a result, you get your SaaS offering to market faster, with lower capital requirements, and reduced ongoing maintenance needs.

SaaSGrid at a Glance

Apprenda's SaaSGrid is a SaaS platform for Microsoft .NET software vendors that drastically ease the development, delivery, and monetization burdens of deploying robust on-demand business applications.

Key Benefits for ISVs

- **Drastically reduces time and capital requirements** through out of the box multi-tenancy, user and customer systems, and application lifecycle management.

- **Provides innovative monetization management** abilities that allow business teams to manage all aspects of how applications and their features are sold and published to customers via a *code-free* interface.

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

- **Flexible hosting options** allow you to choose from our network of hosting partners.

The SaaSGrid Platform

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. You 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 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 giving each customer an isolated experience*. This gives each customer encapsulated safety and data separation while giving your application the ability to leverage multi-tenancy and produce unique customer experiences. Architecturally, this difficult part of building a SaaS offering is a core part of SaaSGrid, endowing SaaSGrid applications with multi-tenancy of the box. More importantly, SaaSGrid lets you decide what degree of multi-tenancy (e.g. completely isolated, shared) you require at deploy time rather than design time.

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

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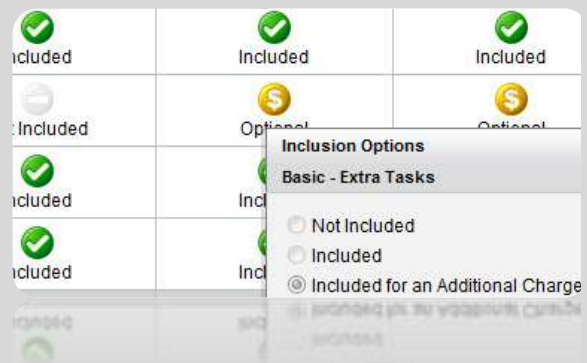- Tenant Aware Execution Runtime

Build

```
        Invoice invoice = new Invoice();
        invoice.LineItems.Add(new LineIt
        invoice.LineItems.Add(new LineIt
        return invoice.CalculateTotal()
    }
}

public class LineItem
{
```

Deploy

Monetize

apprenda