PRODUCT BRIEF

SurPaaS® SaaS™ – Operating Your Application as SaaS

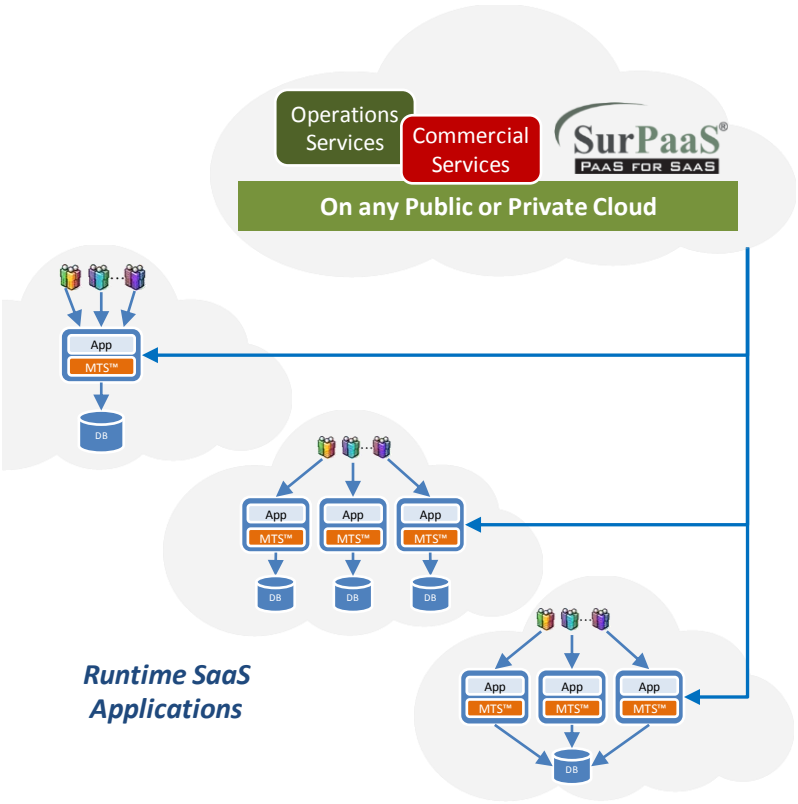
Create a global footprint for your application, deploy as SaaS to any global location nearest to your customers and manage from a single smart dashboard

A Complete SaaS Delivery Platform for SaaS Providers.
Increase the speed of your SaaS delivery by 10x with SurPaaS® SaaS™

SurPaaS® SaaS™ is an easy-to-use Web-based SaaS Delivery platform that provides a centralized framework of operations and management for SaaS Providers.

The tool offers an integrated end-to-end solution to transform your business into SaaS enterprise. You can bring your single tenant application while SurPaaS® SaaS™ takes care of application's multi-tenancy and its operations as SaaS.

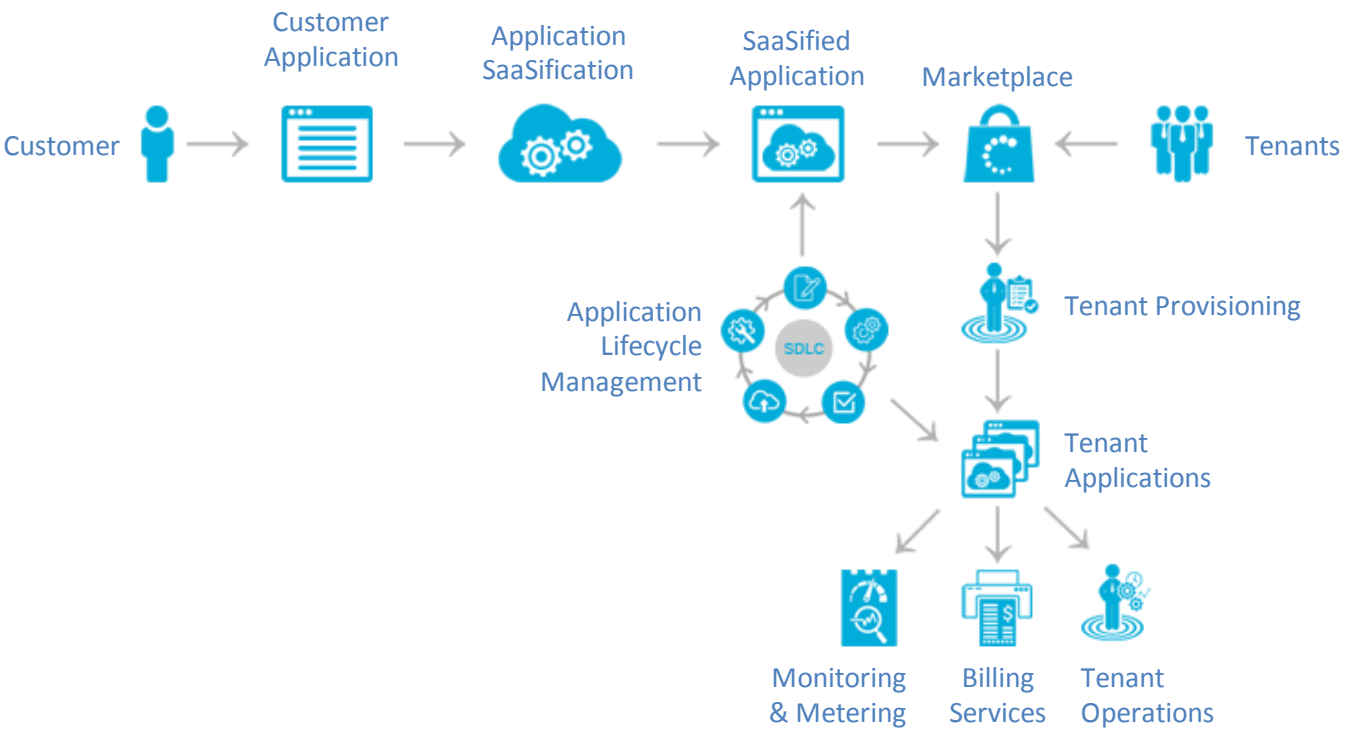
Common SaaS Operations Platform for all applications



UNIQUE FEATURES

- Strategic Business Transformation.
- Application SaaSification.
- Centralized applications administration.
- Metering components creation.
- Meter your application usage and apply dynamic pricing strategies.
- Self-provisioning by tenants.
- Subscription management with Integrated Billing Services.
- Customized dashboards and dynamic reports.
- Data recovery and backup.
- Integration of database PaaS services from Cloud.
- SaaSified application's complete life cycle management.

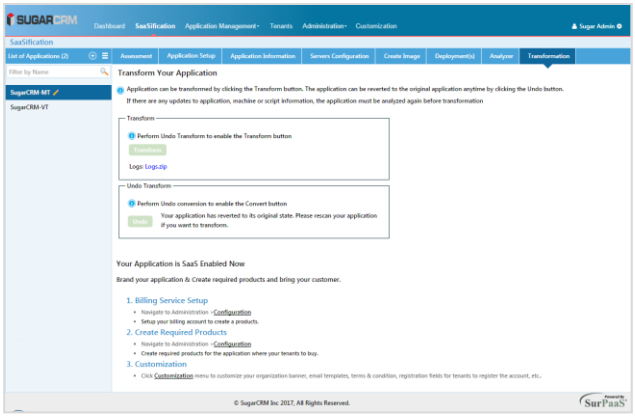
Simple SaaS Enablement Flow:



KEY FEATURES

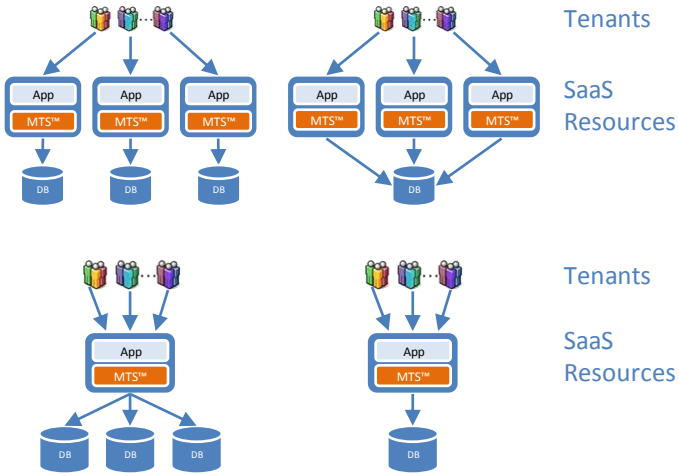
Application SaaSification

Using SurPaaS® SaaS™, an application can be transformed into a SaaS application in a few easy-to-follow steps. Install your application followed by selecting the suitable subscription parameters. SaaSify your application by enabling tenancy and plugging-in provisioning, business and operation services. SaaS application can be deployed and it is ready to go live thereby allowing the tenants to self-provision.



Tenant Management

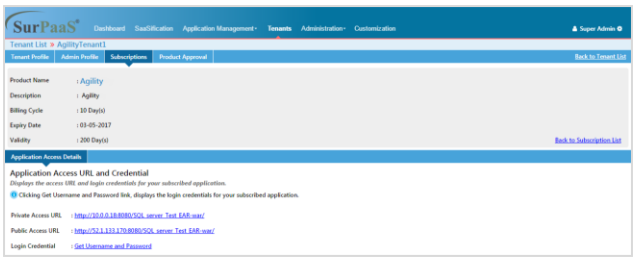
SurPaaS® SaaS™ supports a continuum of tenancy models, from Single Tenancy Model where each tenant have their own application environment, to Multi-Tenancy Model where many Tenants share an application environment or Hybrid Tenancy Model which is a combination of both. You can manage all your tenants and users from a single console in SurPaaS® SaaS™, no matter where they are deployed.



Tenant Provisioning, Maintenance and Deletion

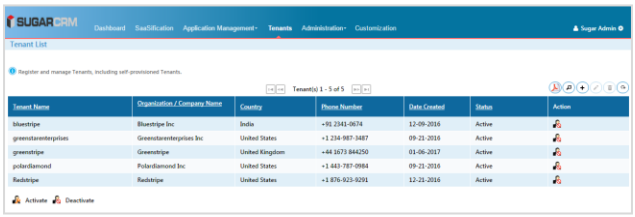
SurPaaS® SaaS™ provides you complete control over managing your application tenants. You can provision new tenants in SurPaaS® SaaS™, in addition to tenants self-provisioning themselves. You can carry out various

other tenant management activities such as activation, deactivation, subscription approval/rejection.



Tenant User Management

SurPaaS® SaaS™ gives you a unified view of all of your tenants and their users, for every tenancy model and every cloud or data center. SaaS Providers can view and manage all their tenants and users of their application using SurPaaS® SaaS™.



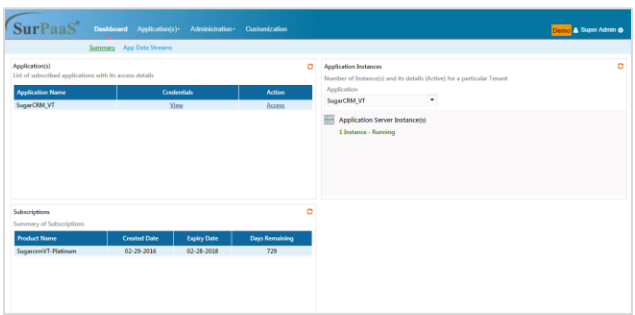
Multi-Level Dashboard

SurPaaS® SaaS™ provides 3 levels of dashboards for the ease of users.

Tenant Level: It displays information such as the revenue details, subscriptions details, number of SaaS providers, SaaS providers' subscription details, geographic distribution of SaaS providers, number of instances and its status of SaaS providers.

Application SaaS Provider Level: It displays information such as the revenue details, subscriptions summary, geographic distribution of users, application tenancy details, number of instances and its status.

SaaS Application Aggregator Level: It displays information such as SaaS Applications with access credentials, summary of their subscriptions, number of instances and its status.



Application Usage Monitoring & Metering

SurPaaS® SaaS™ provides monitoring of activities across all your tenants, no matter where they are deployed, including logged on users, infrastructure usage and even the features being used in your SaaSified application.

Default Streams

SurPaaS® SaaS™ provides a default set of application streams which can be used for monitoring and metering such as CPU Usage, Agent Status, Network I/O, Storage Volume, Tenant Subscribed Count, Total RAM and Used RAM.



User Defined Streams

SurPaaS® SaaS™ also allows you to create your own streams specific to your application for metering. Create your custom application stream in SurPaaS® SaaS™ and use it like any other default streams for monitoring and metering your tenants.

Workload Components

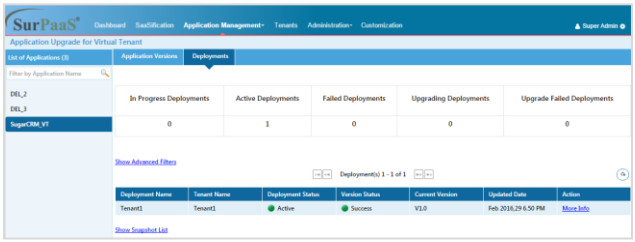
SurPaaS® SaaS™ can also monitor the workloads available in your application. It provides you the capability to meter you tenants based on the usage of specific workloads in your application.

Application Lifecycle Management

SurPaaS® SaaS™ helps you to manage the complete lifecycle of your SaaSified application in the Cloud. You can test your applications, manage versions and upgrades before making it available for tenant subscription or applying it to your existing tenants. Once you are satisfied, you can proceed with the rollout. Also you can control which tenants need to be upgraded and which are not.

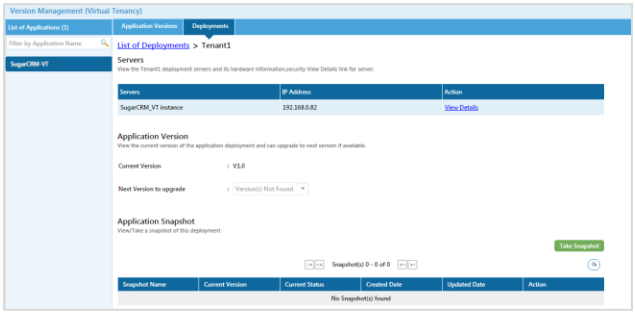
Version Management

Version management allows you to manage and keeps track of all the versions created for your application and delivered to the customers. Maintains history of all the changes to your application. Archive all your application versions and provide the updated version to the required customer.



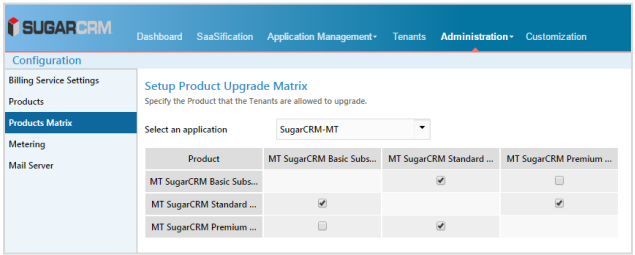
Upgrade

SurPaaS® SaaS™ assists you in managing the application upgrade for all your tenants, both existing and new. It provides an efficient upgrade management platform which offers reliability and minimizes your application down time.



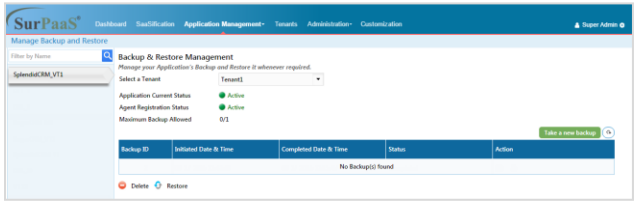
Subscription Upgrade Matrix

You can define the possibilities of migration workflows for all the subscriptions associated with your application. You can restrict specific subscription upgrade options based on your needs.



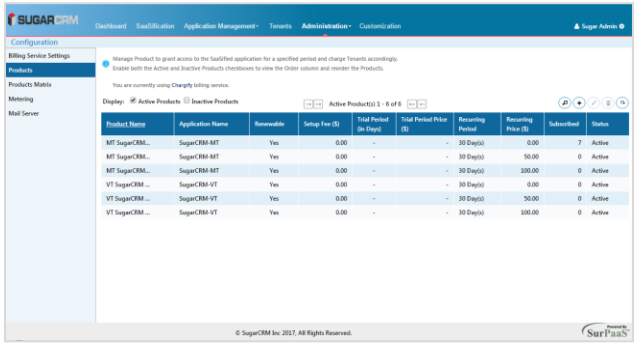
Application Backup & Recovery

SurPaaS® SaaS™ gives you the flexibility, and protection for your application in Cloud with its Backup and Recovery capability. SurPaaS® SaaS™ ensures you a productive environment and increase your network performance with geo-redundant storage and secured data. Automatically backup your instance data and restore them as and when needed without additional effort.



Subscription Management

SurPaaS® SaaS™ provides the ability to create subscription definitions that align with your pricing model. You can migrate customers between subscriptions and upgrade them from a free trial to a paid subscription. You can also create and manage discount coupons for your tenants which can help you in promoting your application.



Upgrades

You can setup the upgrade options for your application subscriptions for tenants based on the upgrade matrix workflow mentioned earlier.

Renewals

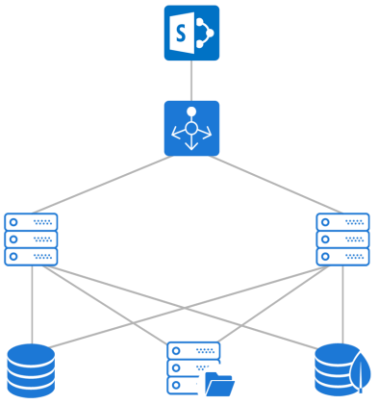
You can manage the subscription renewal options (both auto renewal and manual renewal options) to be available along with the application subscriptions for your tenants.

Interface to Metering and Commercial Fulfillment

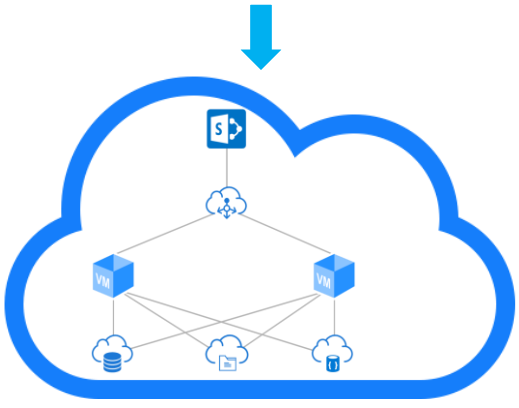
SurPaaS® SaaS™ provides you the capability to associate metering components created based on the application monitoring streams. It enables you to charge your customers based on their application or other components usage.

SaaS with PaaS

Cloud Providers offer various PaaS services as an alternative to commonly used workloads in many applications. These services provide greater flexibility and scalability to your application while reducing maintenance cost and effort. SurPaaS® SaaS™ allows you to utilize the various PaaS services available in Cloud.



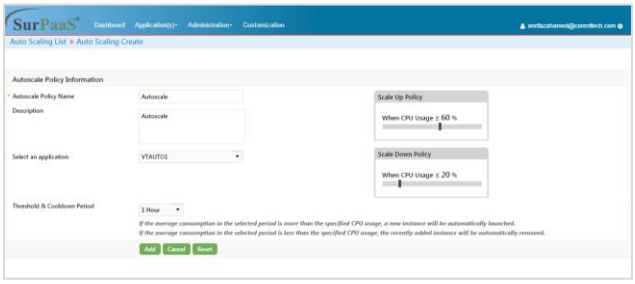
Original Application



Application after PaaS Shift™

Application Usage Control and Management

SurPaaS® SaaS™ allows the application to follow the standard methodologies for scale in or scale out which enables the SaaS Providers to automatically route the tenants to selective clusters of databases or application servers.

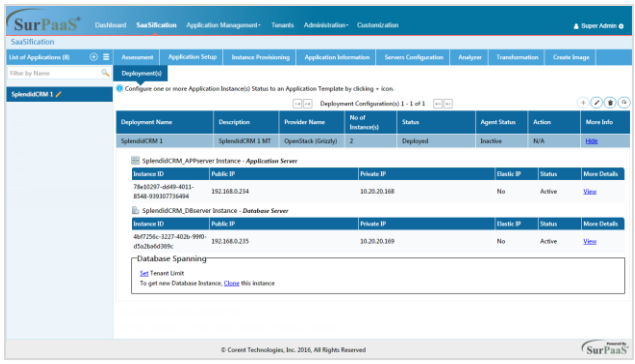


Application Scaling and Optimization

SurPaaS® SaaS™ provides auto-scaling feature to dynamically add compute resources to applications to serve requests under load as needed. The auto-scaling feature ensures undisturbed productivity by continuously supplying the required application resources at the required time.

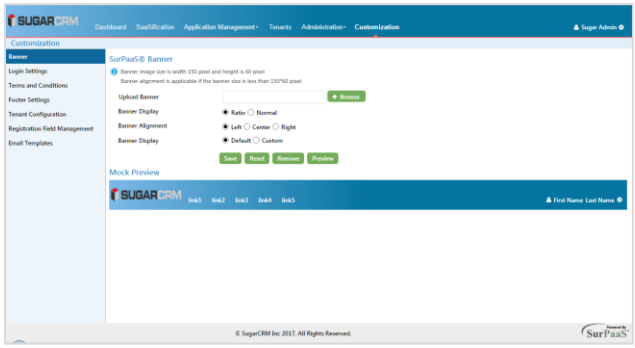
Database Spanning and Scaling

SurPaaS® SaaS™ allows the SaaS Providers to automatically increase or decrease the number of database instances based on the tenants subscribed to the application.



Customization

Tenant-specific branding enhances the user experience for your SaaS application. Customization can be done starting from tenant logo, landing page welcome text & links to notification templates. Branding configuration can be made as self-service for tenants. Even you can customize the menu options for your tenants.

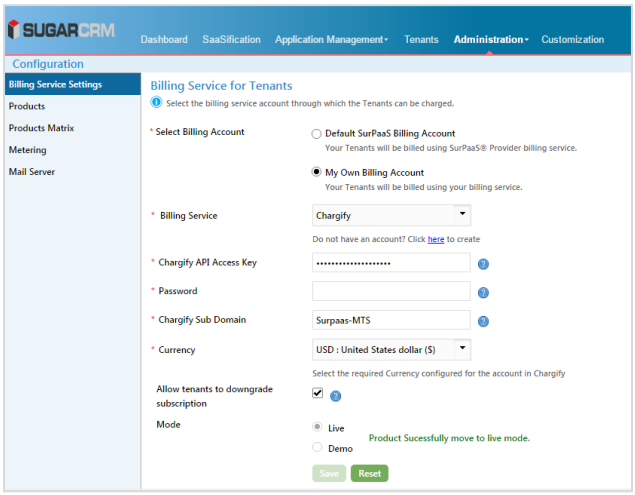


Business Services

SurPaaS® SaaS™ provides various business services which will be helpful for you in managing your tenant transactions and operating your application with ease. Billing services and invoice management are two among those which are noteworthy.

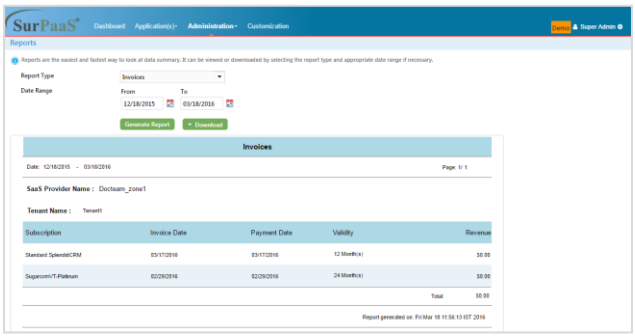
Billing Services Integration

SurPaaS® SaaS™ comes with several pre-configured options for integration with popular third-party billing services, and can be easily integrated with other billing service providers of your choice.



Reporting

SurPaaS® SaaS™ generates invoices and reports for each of your tenants regarding their application usage and relevant charges applicable. These provides, both you and the tenants, the easiest and fastest way to look at the summary of application usage. In the Reports module, you can view invoices, user based timescale reports for all the Tenants.

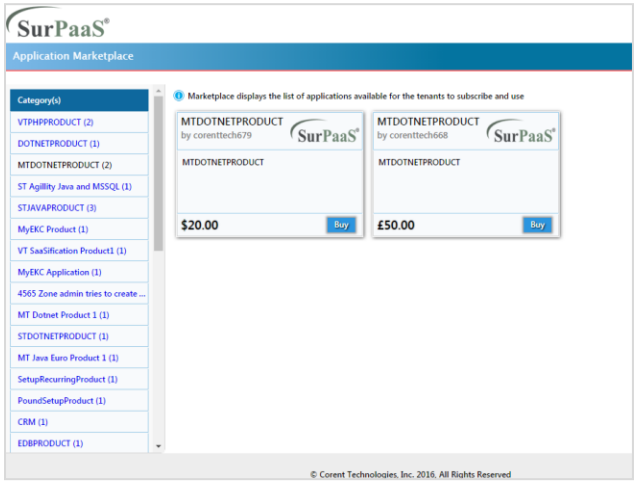


Cloud Orchestration and Resource Management

SurPaaS® SaaS™ completely manages the launch and maintenance of Cloud instances for your application in any of your preferred Cloud with its in-depth knowledge about the functionalities available in every Cloud. You can view and manage all your Cloud instances in SurPaaS® SaaS™. It allocates resources as needed by your application and removes them when they are not in use. This way you pay only for the resources only when used.

Marketplace

SurPaaS® SaaS™' marketplace feature provides you an option to list your SaaSified applications in a location accessible to all the tenants. Tenants can choose the applications they want from the marketplace. It is then a simple process to activate these applications, based on the credentials generated.

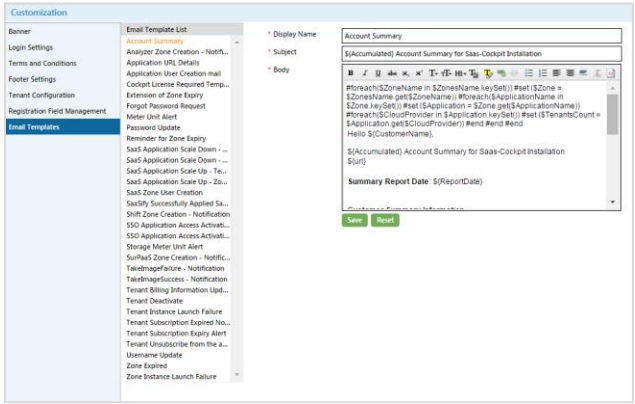


Alerts and Notification

SurPaaS® SaaS™ has a robust alert and notification system and it also provides you the capability to configure your own alerts.

Mail Templates Setup and Management

SurPaaS® SaaS™ provides a set of email templates that can be used to send automated email notifications to the users. As a SaaS Provider, you can customize them to add your content and change the appearance.



Triggers and Alerts

SurPaaS® SaaS™ comes with a messaging system that serves as the communication channel between SaaS Provider, Reseller and Tenant Administrators. It ensures to trigger alerts/ notifications based on the rules created and pre-defined notification scenarios.

BENEFITS

- **Improved efficiency and increased cost savings.**
- **Leverage business opportunities.**
- **Minimal re-engineering effort.**
- **Balance the workloads and optimize the operations.**
- **Support for multiple Clouds and billing services.**
- **Facility to create multiple pricing models.**
- **Have complete control of the application evolution.**

Contact Us to Learn More.

Experience the Ease of SaaSifying your Application.

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