

# Product Feature

www.techcello.com

## THE CONTENTS

Product Catalogue	03
Tenant Management	05
Customer Identity, Access and Federation Management	09
Configuration Management	14
Micro-services	17
Development Framework	23

# PRODUCT CATALOGUE

## **Product Catalogue Management**

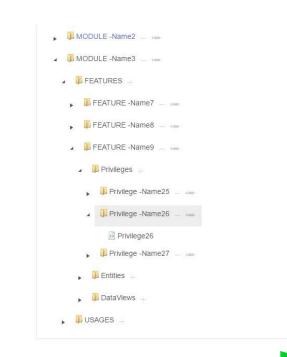
Techcello allows product owners to associate multiple service/product on their portal and provides access to customers across products. Techcello product management feature offers a central management platform for the entire product as a product suit. In order to access a service/product a License validating the access to the product and package for subscription is used. When a tenant subscribes to any product a License validating his access to the product is generated. This license also seamlessly integrates with provisioning, metering and payment systems.



## Product Structure Management

Product owners can create multiple Modules, Features, Privileges and the entire structure of a product on the fly and manage the entire service centrally. This composition forms the base for building multiple editions.





## **Edition Management**

Techcello Edition Management is an effective SaaS based packaging solution, enabling product owner to package multiple modules, features and business parameter usage into a single logical groups based on Licenses or pricing plans for their different Services/Products. As part of the security framework, Cello validates the type of the license subscribed and its modules and features in the given license, and blocks the usage of unsubscribed Features. Package editions can be given with or without Trial period.

Name     Tail Proto     Manage Prior Plans     Edit       Base     20     Å     Ø       Conclou Trail     1     Å     Ø       Protessonar pro     30     Å     Ø       Resder     10     Å     Ø       Bandard     30     Å     Ø       Bandard     10     Å     Ø       Bandard     10     Å     Ø       Bandard     10     Å     Ø       Bandard     10     Å     Ø	RM					
Base     20     J     0       OreChay/Trial     1     J     0       Dorstandarjaro     30     J     0       Rester     10     J     0       Sandard     20     J     0       Utmate     10     J     0       Interface     10     J     0	iearch	G0!				+ Crea
OneDayTrial     1     A     Gr       Professional pro     30     A     Gr       Reseler     10     A     Gr       Standard     30     A     Gr       Standard     30     A     Gr       Ummale     10     A     Gr	Name		Trial Period	\$	Manage Price Plans	Edit
Pofessional pro     30     J     0       Reader     10     J     0       Standard     30     J     0       TecOpyTrial     2     J     0       Utimate     10     J     0	Basic			20	F	8
Reseter     10     #     07       Standard     30     #     07       Table of the standard     10     #     07       Utimate     10     #     07	OneDayTrial			1	F	8
Standard 30 / Car TaroDay Trail Uitimate 2 / Car Uitimate 10 / Car International Standard Textures I (1) International Standard Te	Professional pro			30	F	ß
Tradbay Trial 2 /	Reseller			10	F	8
Utimate     10     P     C2       took 15 T of Ferries     H < 1	Standard			30	F	8
too 10 entres Downg 10 7 d7 entres sk: Store	TwoDayTrial			2	F	8
ask Store	Ultimate			10	4	8
Name   Trial Period  Manage Price Plans Edit						
	usic Store					+ Cres
	usic Store		Trial Period	¢ 0	Manage Price Plans	



### Example

Product owners can create multiple packages like Basic, Premium and Elite etc. for each and every product/ service and make it available for the customers to subscribe.

## **Price Plan Management**

Product owners can add pricing models like fixed price plan or cumulative price plan for a created packages of any services/product. Fixed pricing model is like base amount will be deducted from the customer based on the billing frequency selected. Cumulative pricing model is like pay as you go.

earch	GO!					+ Cr
Plan name	Plan description	¢	Price≑	Bill frequency	\$ Edit	Delete
Professional	Professional		\$300.00	Quarterly	ø	Ê
Professional Plus	Professional Plus		\$550.00	Semiannual	dit .	Ê
Rate Cutter	Rate Cutter		\$650.00	Annual	<b>A</b>	Ê
Standard	Standard		\$50.00	Monthly	ø	Ê
Standard Pro	Standard Pro		\$100.00	Monthly		Ê

# TENANT MANAGEMENT

## **Customer Provisioning and Subscription Management**

Tenant Management is one of the core modules of Techcello application. Manage complete Customer Onboarding process using a central portal. Subscriptions of the customer to various products are also managed via the portal. Each of your customers is termed as tenants. Tenant Management dashboard provides an overview of all customer accounts managed within your application. From this view you can search by tenant name, subscription package, status and any other assigned attribute. The filters on this view allow you to filter accounts by different categories for easy sorting.

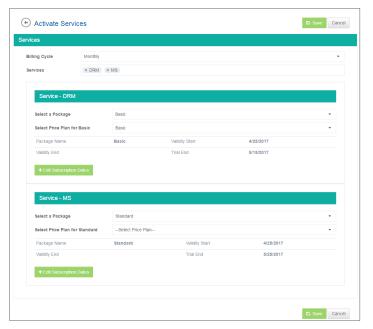
### Highlights

- Add/Remove Customer from the System to any level of hierarchy
- Manage Customer data such as Address, Contact Details, Billing Address, etc.
- Map subscription plans for the customers
- Tenant export / import feature enabled from CSV/excel files

Tenant Managem	nent						
	APPROVED	TENANTS			TENANT DEM	ISITY GRAPH	
Tenant Statistics							
active tenants 64		NOT ACTIVATED		new-2017 64		CANCELLED - 20 17	
paying O		trial 32		total tenants 64		tenant users 35	
Status Tenant Name	All Search by tenant name		•	Services		Search	Reset
Century Tel E Member since (13 Iver			Music Store-OneDay Trial, Stand	lard		TOTAL USERS ONLINE T	+ Create JSERS CHILD TENAVITS 0 0



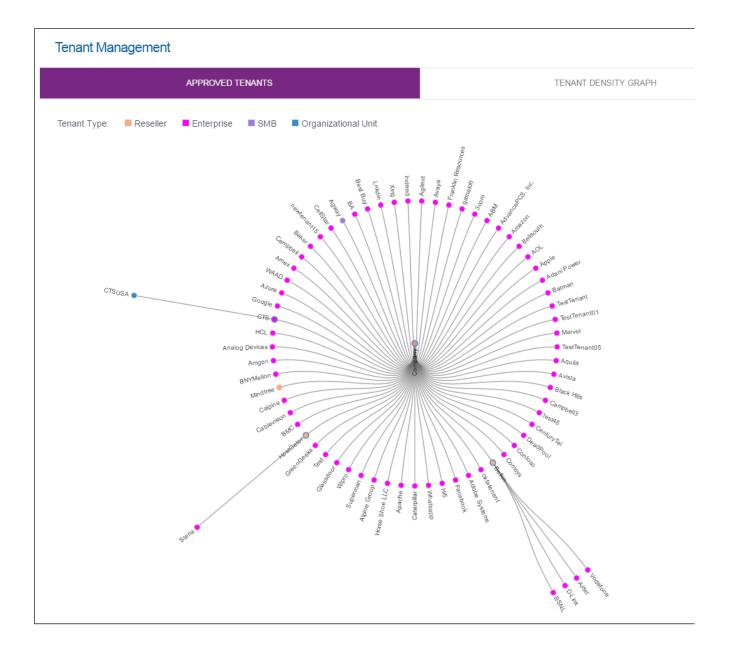
nant Details	
e URL is the application URL which the Tenant will use to access the application	
Tenant Code String"	Tenant Name'
An unique string to identify your company without spaces / special letters	
Description	Website
peschirion	The Daile
URL	Tenant Types'
https://app.cello48.azurewebsites.net/	Enterprise •
Auto Debit	Company Size
	-Select-
ervice Settings	
Selected Services : "	
selected services : " Select the Services	+ Activate Service
illing Address	
any field for Billing Address is filled in, the mandatory check will be enforced.	
Address*	City"
State'	Country"
	Select Country
Zip code*	
ontact Details	
any field for Contact Details is filled in, the mandatory check will be enforced.	
First Name*	Last Name*
First Name*	Last Name*
Phone"	Fax
Contact Email'	
Contact Email*	
Contact Enail"	
	Last Name*
anant Admin User Details	Last Name*
anant Admin User Details	Last Name*
enant Admin User Details	
enant Admin User Details	
anant Admin User Details Fint Name* Tenant Admin Email*	
inant Admin User Details First Name" Tenant Admin Email"	
anant Admin User Details Fint Name* Tenant Admin Email*	
inant Admin User Details First Name" Tenant Admin Email"	
inant Admin User Details First Name" Tenant Admin Email"	
Inant Admin User Details	User Phone
Inant Admin User Details	User Phone Percentage Order



## **Customer Hierarchy Management**

Techcello supports a hierarchical tenant structure i.e. a Customer of a SaaS Product can have Sub tenants. These Sub tenants can then create Tenants as their child and so on. These Child can act as a standalone independent Subscribers, and having rules/protocols applied by their Parent Subscribers. The state of having customer under a customer and maintaining relationship between different entities is generally called as tenant hierarchy.

In the complete hierarchical structure, the product owner is the Primary tenant of all tenants, only the application provider will be able to create the primary level tenants. These tenants can then create sub tenants under them and this will go on up to n Level and there is no restriction in the number of nodes created under them.



## **Reseller Tenant Management**

Support for reseller enables the product owner to sell the product in a Reseller/Distributor Model. In the Reseller model, the reseller tenant may or may not use the product himself and simply sell the product to other customers. In this model, Reseller might pay a percentage of the revenue to the Product Provider made by sub selling the product to its customers.

Add Tenant	Save Cancel
Tenant Details	
The URL is the application URL which the Tenant will use to access the application	
Tenant Code String*	Tenant Name*
An unique string to identify your company without spaces / special letters	
Description	Website
URL	Tenant Types*
https://app.cello48.azurewebsites.net/	Enterprise
Auto Debit	1
	Enterprise
	Reseller
	SMB

## **Billing and Invoicing**

Techcello Billing Engine is a standalone module that takes care of all the billing and invoicing needs of any Subscription based businesses. Cello automates the process of raising the invoices based on the frequencies set by the product owner, bill the customer based on the usage, apply taxes, Automatic Payment Collection, Notification etc. Billing Engine is integrated with Subscription module of Cello by default, i.e. when a subscription plan is created, it can be simply hooked with billing plan to raise invoice based on the frequency set by the Product owner.

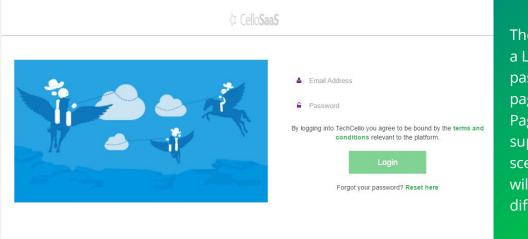
ing Periods				
Mode	Bill Frequency	Start Day	Charge Day	Edit
Postpaid	Monthly	1	1	e e e e e e e e e e e e e e e e e e e
Postpaid	Quarterly	1	1	1
Postpaid	Semiannual	1	1	1

# CUSTOMER IDENTITY, ACCESS AND FEDERATION MANAGEMENT

## **Customer Identity, Access and Federation Management**

Cello offers a flexible and powerful customer Identity management system specialized for SaaS needs. It provides a user friendly administration console to provision and manage users. Users can manage their profile and password by self-service. Customer administrators can login to the portal and manage the customer's users themselves. Product Admin can also provision the users on behalf of the customer administrators. A complete audit system for various membership activities of the user is available.

mail / I	User 🔻 Search		Roles		GO! Clear					
				+ Create Lock	Lock All	k 🔓 Un-	Lock All CReset	Password 13	Expire Passw	ord 🗸 Approve Accou
•	First Name 📍	Last Name 🗘	Username 🗧	Email 🗘	Is Locked? \$	Edit	Deactivate	Activate	Roles	Approve Users
	daniel	faraday	daniel.f@mailinator.com	daniel.f@mailinator.com		1	0		P	
	DeadPool	DeadPool	admin@DeadPool.com	admin@DeadPool.com		1	0		P	
	gameloft	gameloft	admin@gameloft.com	admin@gameloft.com		1	0		×	
	Harsh	Chaturvedi	harshchaturvedi10@gmail.com	harshchaturvedi10@gmail.com		1	٥		P	
	Harsh	Chaturvedi	harshchaturvedi10+1@gmail.com	harshchaturvedi10+1@gmail.com			0		×	
	Harsh	Chaturvedi	harshchaturvedi10+4@gmail.com	harshchaturvedi10+4@gmail.com			0		×	
	jothi	rengarajan	jothi.r@tec.hc.ello.c.om	jothi.r@tec.hc.ello.c.om		1	0		×	
	Marvel	Marvel	Marvel@gmail.com	Marvel@gmail.com			0		×	
	muthu	azhagu	azhagumuthu.sami@aspiresys.com	azhagumuthu.sami@aspiresys.com		1	0		×	
	Ram	Kumar	ram@gameloft.com	ram@gameloft.com		1	٥		F	



The portal ships with a Login Page, Reset password option page, Activation Page. Cello also supports federation scenarios which will be detailed in a different section.

## IAM: MFA

uthorization Provid	lers		
Provider		Authentication Type	
CelloOpenId		DRM	
econdary Authenti	cation Provider Mapping		
econdary Authenti			
Enable Secondary A	uthentication		_
			÷
Enable Secondary A	uthentication		•

Administrators can also configure MFA for certain users. If MFA is enabled, after logging in users will be prompted to enter OTP either sent to Email or SMS.

•	Enter OTP	
	Submit	Resend OTP

## IAM: SSO

Cello offers an OpenID OAuth2.0 based identity provider which can be integrated with multiple products so that they can participate in SSO.

## **IAM: Customer Identity Federation**

Cello federates with the customer's identity providers and provides SSO with internal applications of the customer. The identity providers need to be SAML 2.0 based or Oauth2.0 OpenID Connect based. The portal allows setting IDPs for individual customers.

thorization Configurations			
Tenant Authorization Configurations			CellStar •
Authorization Mode		Choose Provider Types	
Dafault		Dafault : DRM	•
Dafault			
OAuth 2 Federated			
Saml2 Federated			
Social Logins	_		

Authorization Mode	ci	oose Provider Types
Saml2 Federated	•	ml2 Federated : ALL.
	_	
	Þ	cription
Name	D	cription
Name	D	cription
SAML Configurations Name MetaData Uri https://company.com/adfs/oauth2/token Issuer		cription 

## **Role Management**

Techcello's intuitive Roles Management allows the tenants to create global and local roles at tenant level for multiple product lines. Role management controls what a user can access or cannot within the system



- Create Local & Global Roles
- Copy the Roles from the parent tenant to the sub-tenants.
- A particular set of privileges can be identified as a role and assigned to a user.
- You can assign users to more than one role. When a user is assigned to multiple roles, the role with the more restrictive prevails
- All changes to roles such as changing role definitions, granting, or revoking roles to and from users take effect upon new login sessions
- When you deny access to a module, the related features that display on other module are also removed

earch	GO!				+ Cre
Role Name		* Edit	Activate/Deactivate	Manage Privilege	Data Scope Privilege
Client Admin		ľ		ø	
Member		C		1	1
Robot		Ø		1	1
Service Owner		C		1	1
Super Admin					1
Tenant Admin		7		1	1

## **Privilege Management**

Techcello offers simplified Privilege Management portal, during the development developer's mark the privileges required to access the specific features. These privileges are made available for the administrators to map it to the roles.

Manage Privileges		
Role Name - Tenant Admin		
Module	Features	
DRM	▼ -All-	•
Search Privileges		
Enter keyword to search		
Available Privileges SelectAll	dd Assigned Privileges SelectAll	- Remove
Administer All Tenants     DRM_Access       Description: Administer All     Description: DRM_Access       Tenants     Tenants	Add Account     Add AccountLicense       Description: Add Account     Description: Add AccountLicense	Î
	Add_Chart     Add_Endpoint       Description: Add_Chart     Description: Add_Endpoint	

Example

- Manager RolePrivilege to access Feature1, Feature 3 & Feature 4
- Employee RolePrivilege to access Feature1
- In the procedural code, developers will grant access based on the role and privileges a user has.

## **Centralized Access Policy Management**

Access policies of various products can be configured and managed centrally via the portal. Portal also ships with the resource decision services which can be integrated with the products.



```
"ServiceCode": "DRM",
"Name": "TenantAccessPolicy",
"Resources": {
 "/tenantuserassociation/othertenantuserslist": {
  "ID": "1",
  "Name": "Resource1",
 "Identifier": "Identifier1",
  "ResourceType": 1,
  "Rule": {
   "RuleString": "(P:DRM_Admin ) AND (P:DRM_Admin ) AND S:ShareUsers AND (R:GR$Tenant_Admin OR R:GR$Product_Admin)"
 },
 "/tenantuserassociation/linkedbyothertenantslist": {

"ID": "2",
  "Name": "Resource2",
  "Identifier": "Identifier2",
  "ResourceType": 2,
  "Rule": {
   "RuleString": "(P:DRM_Admin ) AND S:ShareUsers"
  }
 "/tenant/*": {
```

# CONFIGURATION MANAGEMENT

## **Configuration Management: Template Management**

Template management is a component that enables the product owner to manage the application wide (Both System and Application) configurations like setting default values and assigning it to Tenants. Settings can be maintained for each product at a tenant level. It can also be mapped to Tenants and Sub Tenants, and these attributes will be applied to Tenants at the runtime.

### Example

While creating a Tenant in any SaaS system, the administrator has to apply some default settings such as default logo, themes, password expiration date etc.

### Types of Template

### **Fixed Template:**

The default values assigned by the vendor will not be able to change by the customer

### **Custom Template:**

The default values assigned by the vendor is modifiable by the customer

### **Highlights**

- Configure System settings at a tenant level
- Configure System settings at a role level within each Tenant
- Configure System settings at a user level
- Roll down Parent Tenant configurations to sub-tenants. Allow sub-tenants and users to change configurable attributes

					+
Template Name	<ul> <li>Template Type</li> </ul>	¢	Global 🗘	View	Edit Template
DefaultCustomTemplate	Customized		Yes	۲	
DefaultProviderTemplate	Fixed		No	۲	1
Sample Template	Fixed		Yes	۲	
Sample2	Customized		Yes	۲	1
TenantSelfRegistrationTemplate	Customized		Yes	۲	

## **Configuration Management: LoV Management**

Every product has the need to configure pickup list values in their products. Cello offers the ability to configure this via the portal and the values are available via APIs. Cascaded pickup list values can also be managed

arch	GOI			+ Cre
Name	* Category	≑ Edit	Activate/Deactivate	Manage Values
CharterOne Category	DRM	Ø	0	×
CharterOne Level	PM	I	0	F
CharterOne Type	MusicStore	ß	0	F
Company Size		ß	0	F
Country	DRM	1	0	F
Default Price Plans		ß	0	F
DiscountCodes		ß	0	F
Playlist	MusicStore	ß	0	F
Self Registration Packages		8	0	F
Service Partitioning Isolation Level		8 <u>2</u> 5	121	F

#### Manage Pickup List

## **Configuration Management:** Field Customization Metadata Management

Every Tenant has unique needs to be addressed with respect to the data they capture and process. While the application can be designed to capture the core or basic data, it needs to offer the ability to extend this data according to the tenant's requirement. In such cases, Capturing additional details would be decided by a tenant during the configuration process and hence the SaaS application should have the ability to extend the data model defined for a customer. In order to support this, Techcello offers the feature "Data Model Extension" which enables the developers to bring in the data extension support very easily.

earch	GO		+ Crea
Entity Name	<ul> <li>Manage Extn Fields</li> </ul>	View Base Fields	Delete Virtual Entity
Address	F	۲	-
ContactDetails	F	۲	-
Tenant	F	۲	-
User	F	۲	-
UserProfile	F	۲	÷

earch		GO!						+ Cr
Name	Description	\$ Main	Entity	¢	Manage Field	\$ E	dit 🗢	Delete
Contact Details	Contact Details	Conta	ctDetails		¥		-	-
Tenant Address Details	Tenant Address Details	Addre	SS		P		-	-
Tenant Details	Tenant Details	Tenan	t		p		-	-
Tenant Details Grid	Tenant Details Grid	Tenan	t		P		-	-
Tenant Relations Grid	Tenant Relations Grid	Tenan	tRelations		P		-	-
Tenant User Details	Tenant User Details	User			P		-	-
User Address Details	User Address Details	Addre	SS		P		-	-
User Details	User Details	User			F		-	-
User Details Grid	UserDetailsGrid	User			F		-	-
UserProfile_Form	UserProfileForm	UserP	rofile		¥		1	Ê



### Contact Details - Fields

Re-Order

Display Name	Field Type	Ordinal ≑	ls Visible 🗘	Is Extended Field	ls Editable 🗘	Edit Field	Exclude 🗘
Contact Email	TextBox	5	True	False	-	ø	-
Fax	TextBox	4	True	False	-		-
First Name	TextBox	1	True	False	-		-
Last Name	TextBox	2	True	False	-	1	-
Phone	TextBox	3	True	False	<u>1</u>		120

GO!

# **MICRO-SERVICES**

## **Notification Micro-service**

Every product needs to send out multiple notifications including SMS and Email out to customer. Notification system is available as Microservice that can be seamlessly integrated with the product. Notification allows the Customers/Tenants to control the content of the email, including dynamic placeholders etc. These placeholders will then be replaced with the dynamic content while sending out the email/system notification. Notification system captures all the sent out notifications and audits it.



#### Manage Notification Details

arch	GO!					+A
Notification Name	Description \$	Category \$	Edit Dispatch	Edit Global Dispatch	Edit	Delete
Bill Generated Notification	Sent when bill is generated on the billi	DRM	Ø	F	1	Ŵ
DRM Subscribed Notification	DRM Subscribed Notification	DRM		F		1
Exception Subscription Mail	Place holders: {{msg}} - exception deta	DRM		F		<b>e</b>
Forgot Password Mailer	Forgot Password Mailer	DRM	8	F		1
Import Status Mailer	Import Status Mailer	DRM		F		1
MusicStore Subscribed Notification	MusicStore Subscribed Notification	MusicStore	2	F	de la	1
Payment Failure Notification	Sent when the tenant has auto debit enab	DRM	Ø	¥		<b></b>
Payment Success Notification	Sent when the tenant has auto debit enab	DRM	2	F		<u>ا</u>
PM Subscribed Notification	PM Subscribed Notification	PM	17	F		间

#### Manage Templates : Bill Generated Template

ontent	\$ Edit	Delete
	Ø	Ê
		( < 1 >
		Save Ca
<b>ℓ_</b> — Ø		
etail.FirstName}} LastName}},		
for the period {[Invoice.StartDate}} to Amount of \${[Invoice.Amount}} USD has been e automatically if you have registered the payment		

#### Search Result

chris.barker@agile-consultants.com Your KPMG TigerService subscription	
TigerService Subscribed Notification ⊘ ☑ jeni@kpmg.com TigerService Service Subscription	3/30/2017 11:48
TigerService Subscribed Notification S david@kpmg.com TigerService Service Subscription	3/30/2017 09:26
TigerService Subscribed Notification Activate ⊘ ♥ b@TigerTrailTenant.com Your KPMG TigerService subscription	3/24/2017 05:17
TigerService Subscribed Notification Activate ⊘ ✓ test@strat.com Your KPMG TigerService subscription	3/7/2017 09:24
TigerService Subscribed Notification Activate ⊘ ✓ testing@stratified.com Your KPMG TigerService subscription	3/7/2017 08:31
TigerService Subscribed Notification Activate S testsample@testsample2.com Your KPMG TigerService subscription	2/24/2017 08:54

## Tax Control Room

#### Dear Chris,

You've been granted access to KPMG Tax Control Room

You can access Tax Control Room via your KPMG Spectrum account

If need assistance in setting up your KPMG Spectrum account, please contact KPMGAdmin.

Please activate your account using your temporary password iRukW#67

We recommend you bookmark or favourite the login page URL.

Login

### **Business Event Management Micro-service**

Techcello Event system is available as a full blown Microservice that can be integrated with the products seamlessly. Cello provides the application to run various jobs as per the tenants need in the occurrence of the system event. "System Event" is any event of interest that happens in the application that requires special attention, like Add / Update / removal of an Employee, order confirmation etc. The developer only needs to identify various events that must be raised in the system and uses Techcello Event API to raise them.

At runtime the tenant admin can configure what a job must run when the event happens and this is configurable via the user interface. The various jobs that the tenant may require may be thought through and should register it with Techcello so that the tenant can pick one.

Manage Events				
Search	GO!	EVENT DETAILS	EVENT PROCESS	
Events		Workflow Name *		
- Add User - Deactivate User - Add Tenant		Test Workflow	•	
Cogni Password Fa     Cacharate User     Customer Info Dele     Customer CreditCa     Customer Profile C     Customer Profile C     Cacharate Request     Canant Trial Endect	eted ard Info Cre reated Eve	Service Input Transform XSL		
- 🌣 Tenant Subscriptio - 🌣 Tenant Subscriptio - 🌣 Tenant Approval - 🌣 Tenant License Act - 🖉 Tenant License De	n Changed iivated			
😧 User Approved 😨 User Request 😨 User Approval				
🌣 Tenant Reject 🌣 User Reject 🌣 BillGenerated				

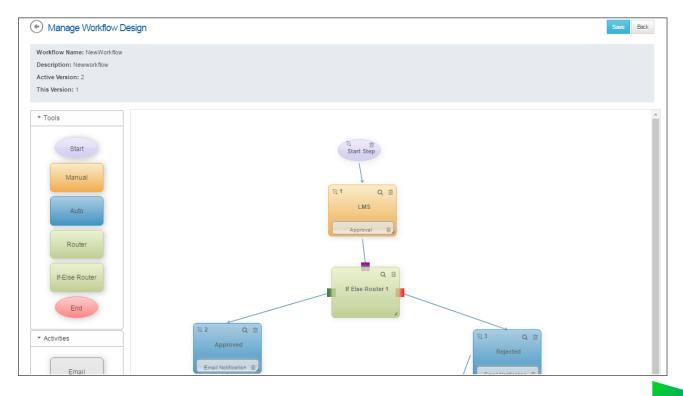
#### **Event Audits**

Filter	Event Audits
Event Name	The Role Edge Admin was assigned to the user Raji CP. rajicp@kpmg.com 25minutes ago
All •	<ul> <li>The service R&amp;D Edge was assigned to the user Raji CP by KPMG.</li> <li>rajicp@kpmg.com 25minutes ago</li> </ul>
All	admin@kpmg.com logout of the system admin@kpmg.com 1hours ago
Subject Id	CKP1 request is approved     admin@kpmg.com 1hours ago
Subject Type	The Role Tenant Admin was assigned to the user Administrator Company. admin@kpmg.com 1hours ago
Target id	The Role Super Admin was assigned to the user Administrator Company. admin@kpmg.com 1hours ago
	CKP1 subscription is changed admin@kpmg.com 1hours ago
Target Type	The Role Tenant Admin was assigned to the user Raji CP.

## Workflow Micro-service

Workflow is a term used to describe the tasks, procedural steps, organizations or people involved, required input and output information, and tools needed for each step in a business process. All the products need some kind of workflow. Cello offers a configurable work flow available as Microservice which can be integrated with the products. Workflow offers a centralized designer and monitoring dashboard for the workflows.

ge Workflow							
ch GO!	wo	WORKFLOW DETAILS		DESIGN		ACTIVITIES	
orkflow DRM ✿ NewWorkflow							+ Create New
		ame: NewWorkflow : Newworkflow on: 2					
		orkflow Design					
	Version 1	Publish Stat	tus Created On 4/7/2017 06:	Updated C 38:32 4/25/2017		Edit	Сору
	Published	Workflow Desig	ns				
	Filter Id	Version	Created On	Updated On	Status	View	Сору
		2	4/25/2017 08:16	4/25/2017 08:16	Active	ø	<del>2</del> 0
	Un-Publis	hed Workflow De	esign				
	Filter Id	Version	Created On	Updated On	Action	Edit	Delete
		3	4/25/2017 08:16:17		Publish	ø	С



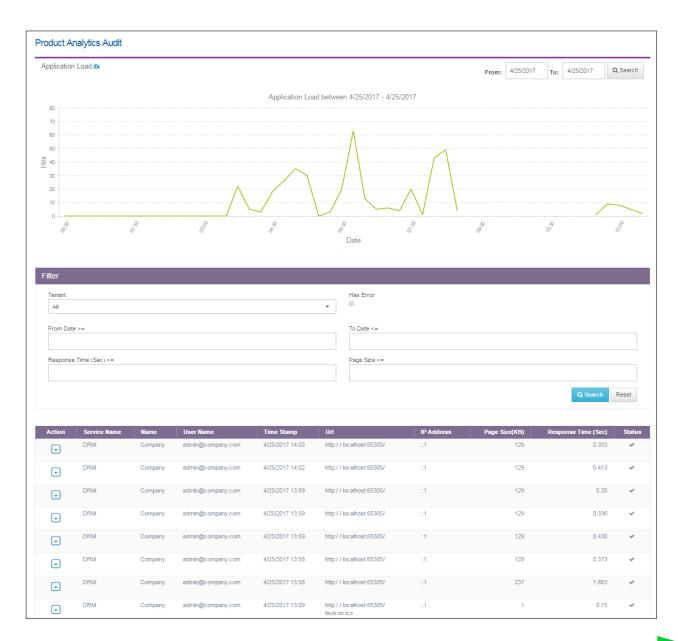
## **Monitoring Micro-service**

Techcello provides various monitoring system to keep track health of the system at any point of time. Also monitors various notifications that have been sent out of the systems. Techcello maintains an audit log for every event that has been occurred in the system.

er					
enant	From Date	To Date	To Date		
Company	<ul> <li>4/11/2017</li> </ul>	4/25/2017	4/25/2017		
	Q Search Reset				
ports By User					
User Name	Event Count	Hit Count			
admin@company.com	358	4101			
admin@kpmg.com	1	0			
anandhanathira+30@gmail.com	1	0			
	1	0			
anandhanathira@Agway2.com					
anandhanathira@Agway2.com anandhanathira@Alpine2.com	1	0			
	1	0			
anandhanathira@Alpine2.com					
anandhanathira@Alpine2.com anandhanathira@Amex2.com	1	0			
anandhanathira@Aipine2.com anandhanathira@Amex2.com anandhanathira@Amgen2.com	1	0 10			

From	То		Usage Category:	Low usage 📕 Medium usage	Heavy usage
1/31/2017	4/25/2017	Q Search Reset			
īenant Usage Stati	istics				Conception Download
Application	Tenant		То	otal Hits	Avg Hits/day 🔺
DRM	Aquila			2	0
DRM	Adobe Systems			6	0
DRM	Agilent			52	0
DRM	Amazon			4	0
DRM	Amgen			67	0
DRM	Analog Devices			57	0
DRM	Apache			8	0
DRM	Apple			5	0
DRM	Aquila			2	0
DRM	Azure			191	2
DRM	Belkin			2	0
DRM	Bellsouth			7	0 *
Jser Usage Statisti	ics			Company	Download
Application	Username				Total Hits 🔺
DRM	anandhanathira@Apple2.con	n			32
DRM	admin@company.com				27534
DRM	anandhanathira@AdvanceP0	CS2.com			16
DRM	anandhanathira@Amgen2.cc	anandhanathira@Amgen2.com			10
DRM	anandhanathira@Analog2.co	m			6
DRM	anandhanathira@Apache2.c	om			3
DRM	anandhanathira@Apple2.con	n			3
DRM	anandhanathira@Azure2.cor	n			3
DRM	anandhanathira@Belkin2.com	n			25
DRM	anandhanathira@Bellsouth2.	com			3
DRM	anandhanathira@Caterpillar2	2.com			22





# DEVELOPMENT **FRAMEWORK**

## Web API boiler plate

Cello also offers boiler plate code with best architectural practices to quick start an API development. It ships with templates that can cut down significant amount of time to develop APIs. Productivity boost is almost 50% while using the boiler plate.

### SPA boiler plate

Cello also offers boiler plate code in Angular with best architectural practices to quick start SPA development. This cuts down significant amount of time to develop SPA based applications.

## **ABOUT US**

Founding team of Techcello has worked on several SaaS initiatives for various ISVs and observed the challenges that every engineering team faces while building a SaaS product. Success of the product depended on the team's prior expertise in building SaaS. Every team has re-invented the SaaS architecture to suit their needs. Lot of time and money gets burnt in putting together the SaaS foundation before a single line is written on business application (eg.Healthcare, CRM, Procurement Software, etc.)

# **CONTACT US**

+1 609 503 7163

+91-44-6740 4000 info@techcello.com | support@techcello.com

SaaS Development | SaaS Migration | Multi Tenant Architecture | Sitemap



Copyright © 2017 Aspire Systems. All Rights Reserved