



Azure Migration – Automated and Optimized with SurPaaS®



+



Introductions

Speaker:



Shafi Syed
CTO | Corent Technology, Inc

Host: Jeremy Neal & Frits Veltink

Corent Europe

Agenda

Opening Remarks

- Jeremy Neal

Corent Presentation and Demo

- Shafi Syed

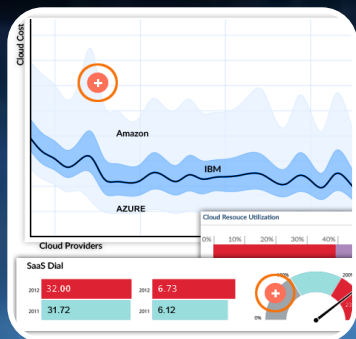
Call to Action

- Jeremy Neal

Q & A

- All

Corent's SurPaaS® is an integrated platform to automatically Analyze, Cloudify, and if desired – SaaSify – most software applications, on Azure, without any programming!



Analyze

- Apps and Workloads
- Deployment Topology
- Cloud Scenarios
- Cost Modelling
- SaaSability

Cloudify

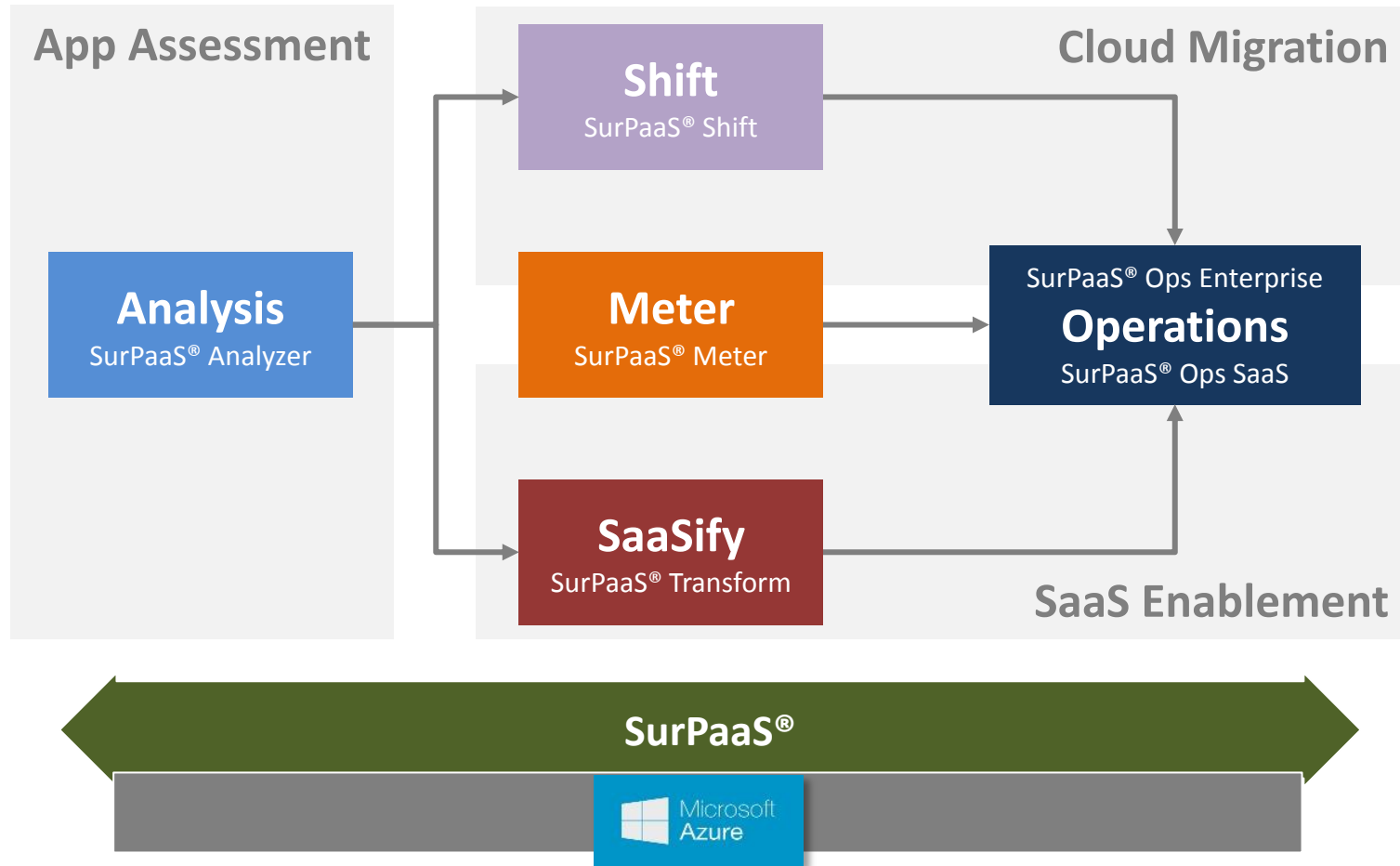
- Resource provisioning
- Workload Migration
- App Ops
- Metering & Monitoring
- Auto-Scaling

SaaSify

- SaaS Instrumentation
- Subscription Mgmt.
- Usage Metering
- SaaS Ops
- MultiTenancy Transform

SurPaaS® Platform

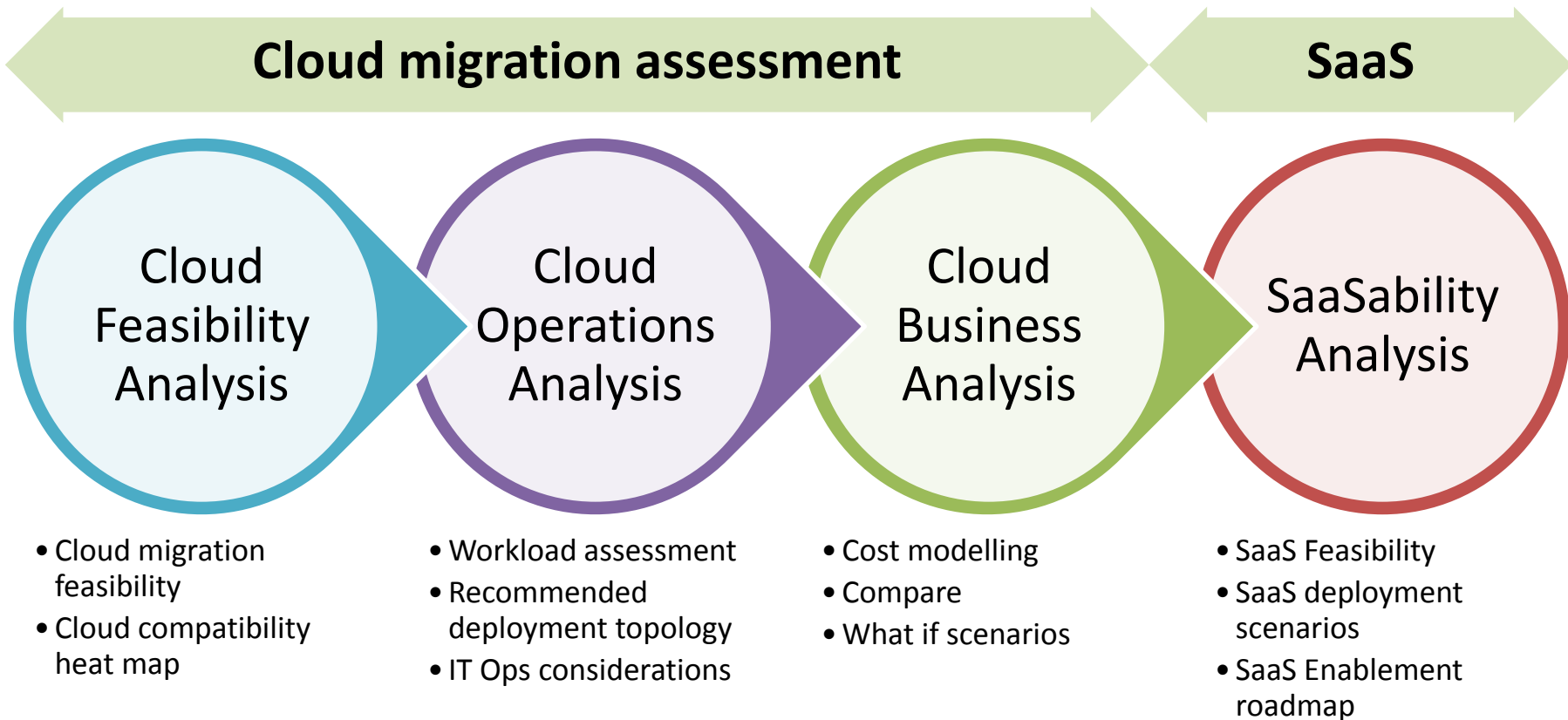
Automatically Analyze, Cloudify and SaaSify Applications!



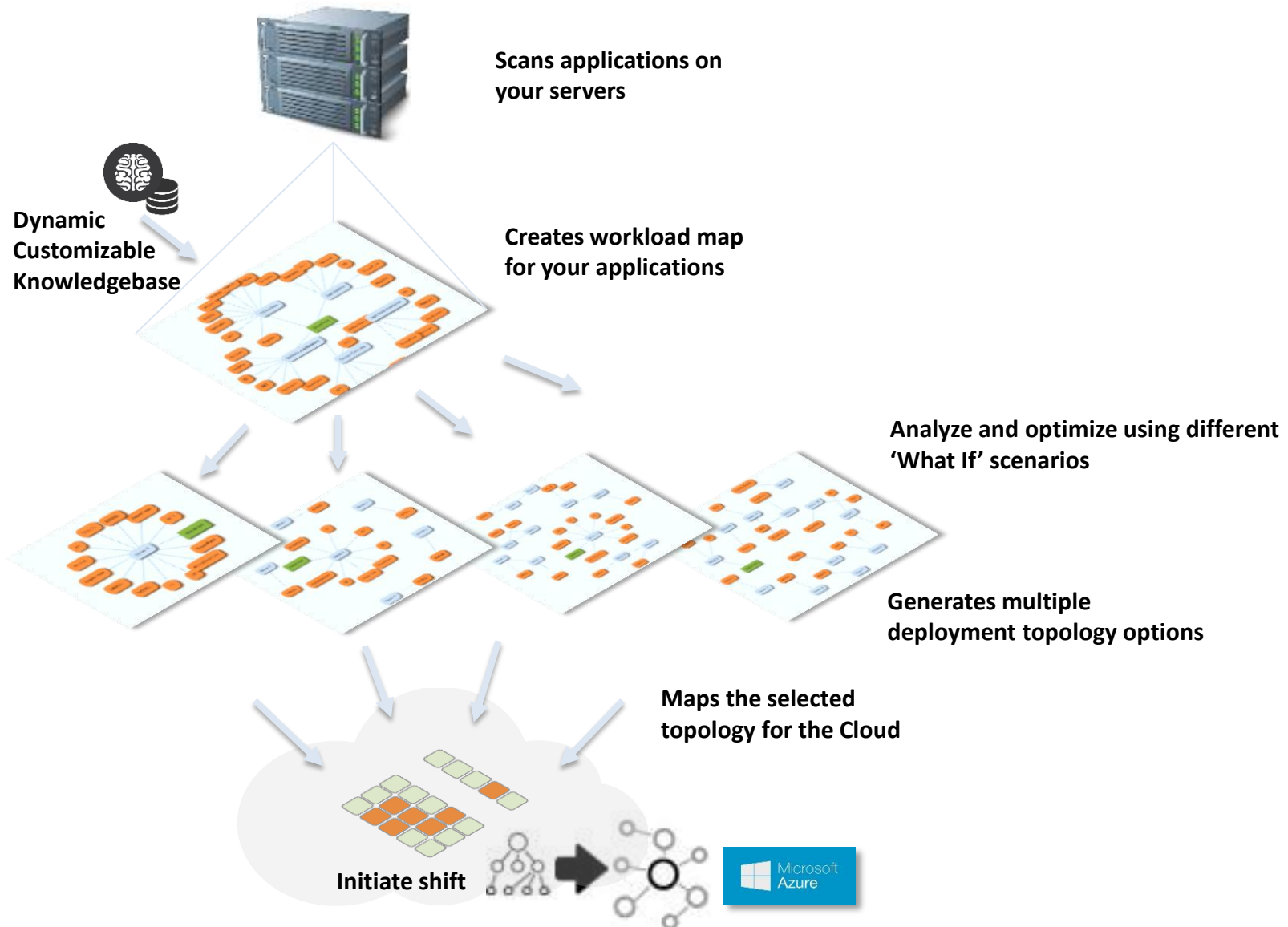


- 1. Analyze**
2. Cloudify
3. SaaSify

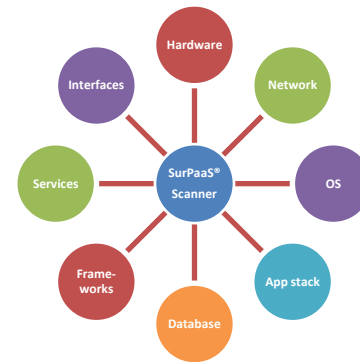
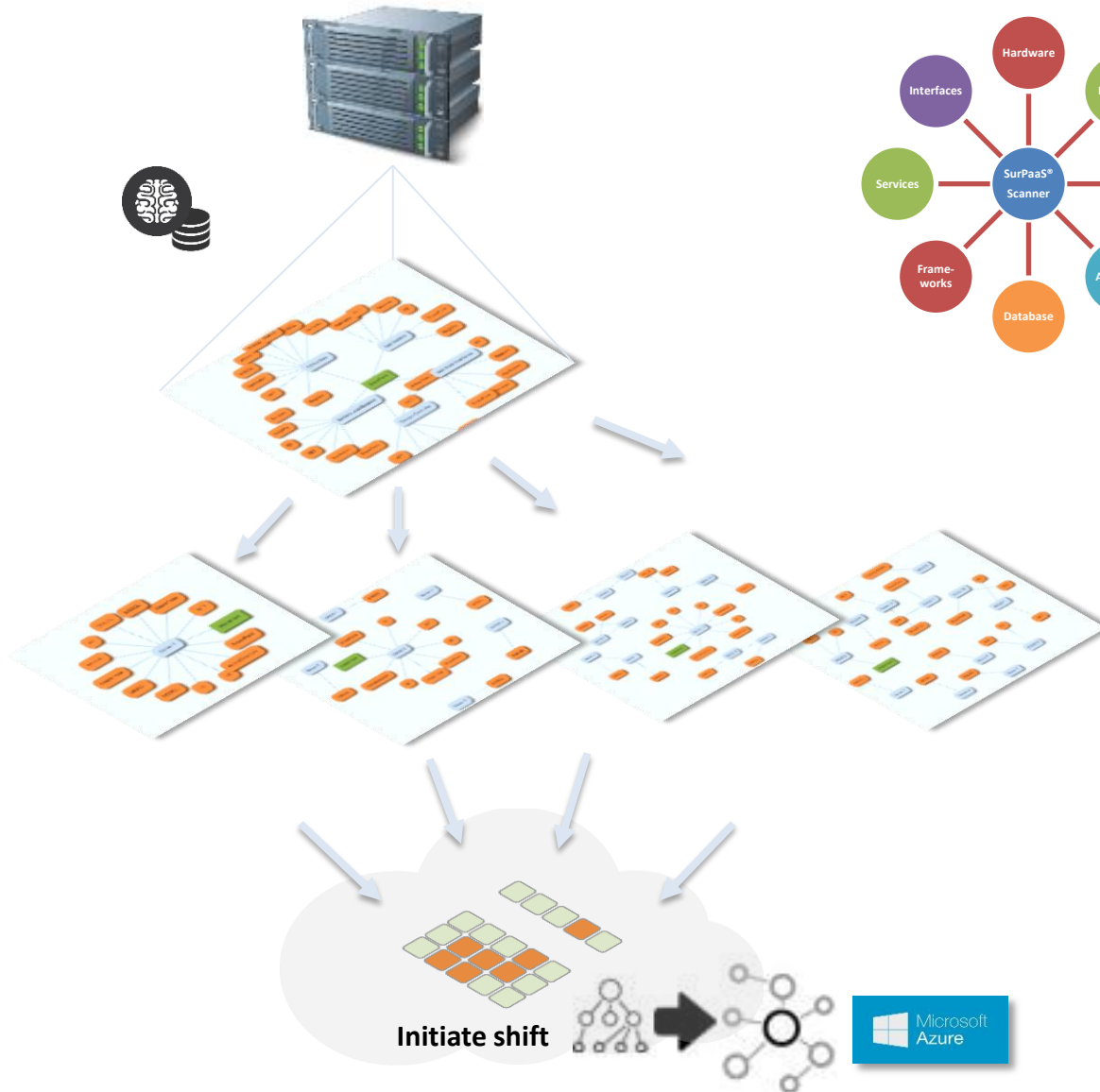
Applications are Analyzed in 4 Dimensions



SurPaaS[®] Analyzer – The MultiMap Technology



SurPaaS® Analyzer – Scan and Analysis

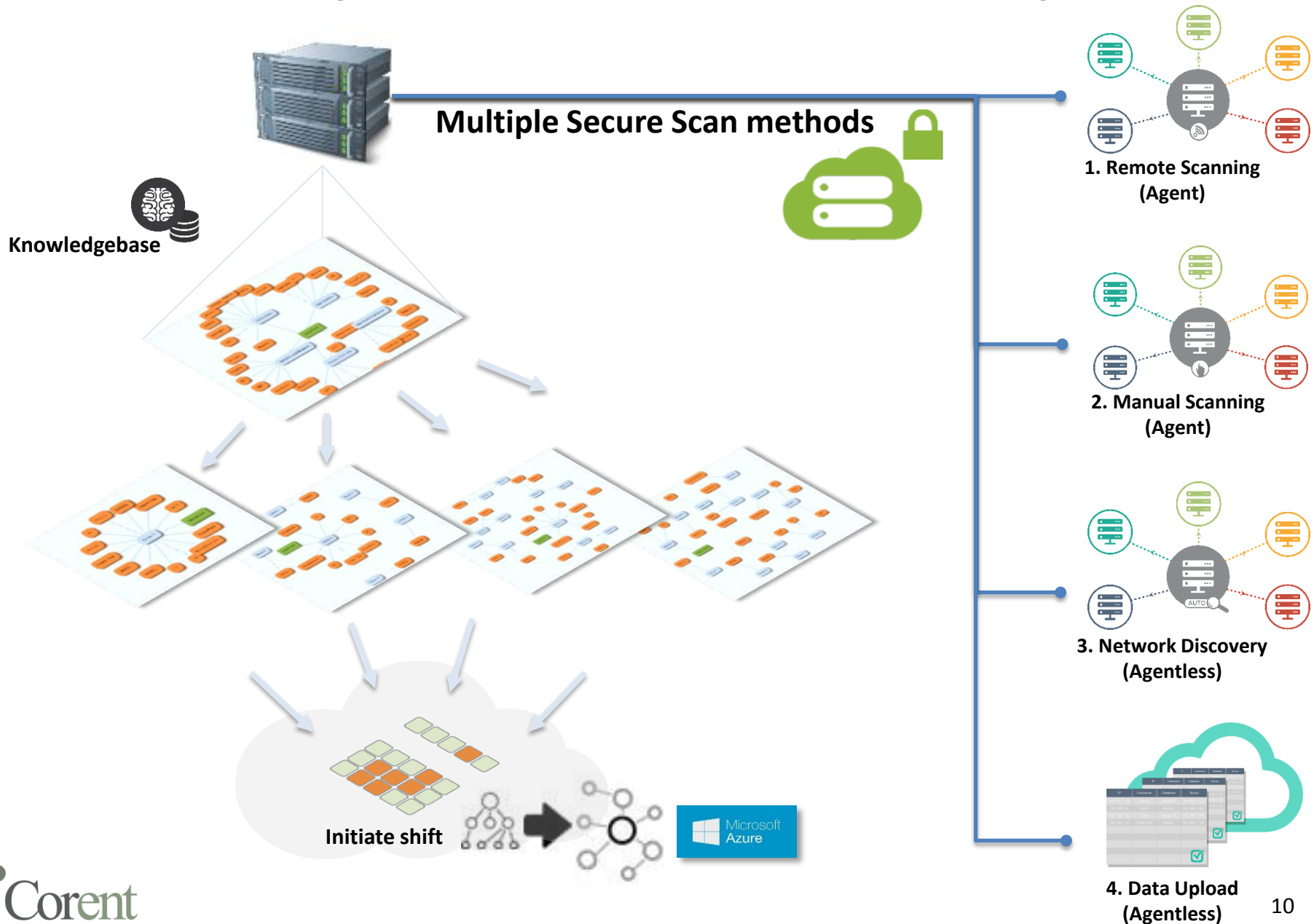


Deep analysis of applications for Cloudability

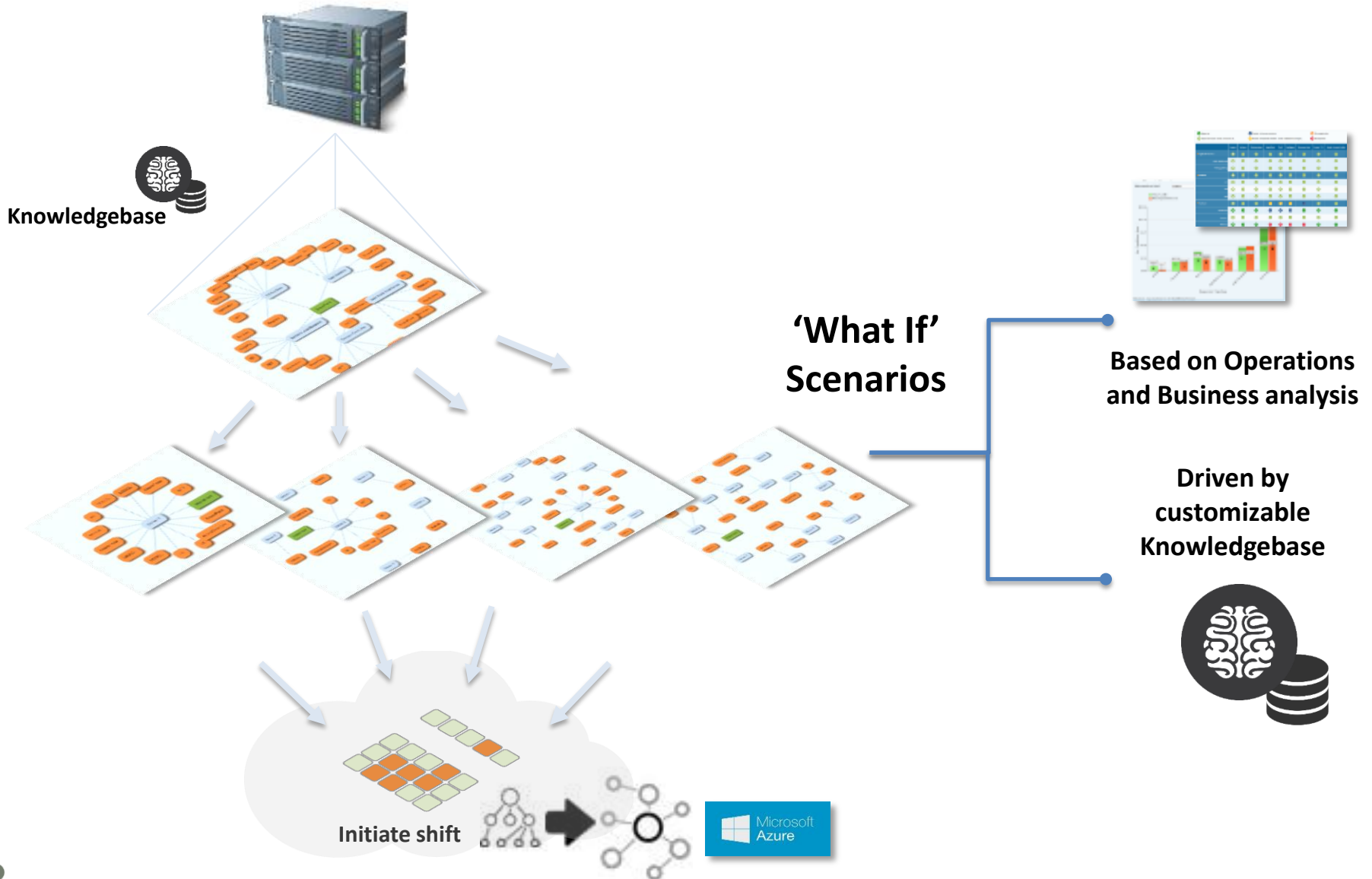


Successive refinement of your 'What If' scenarios

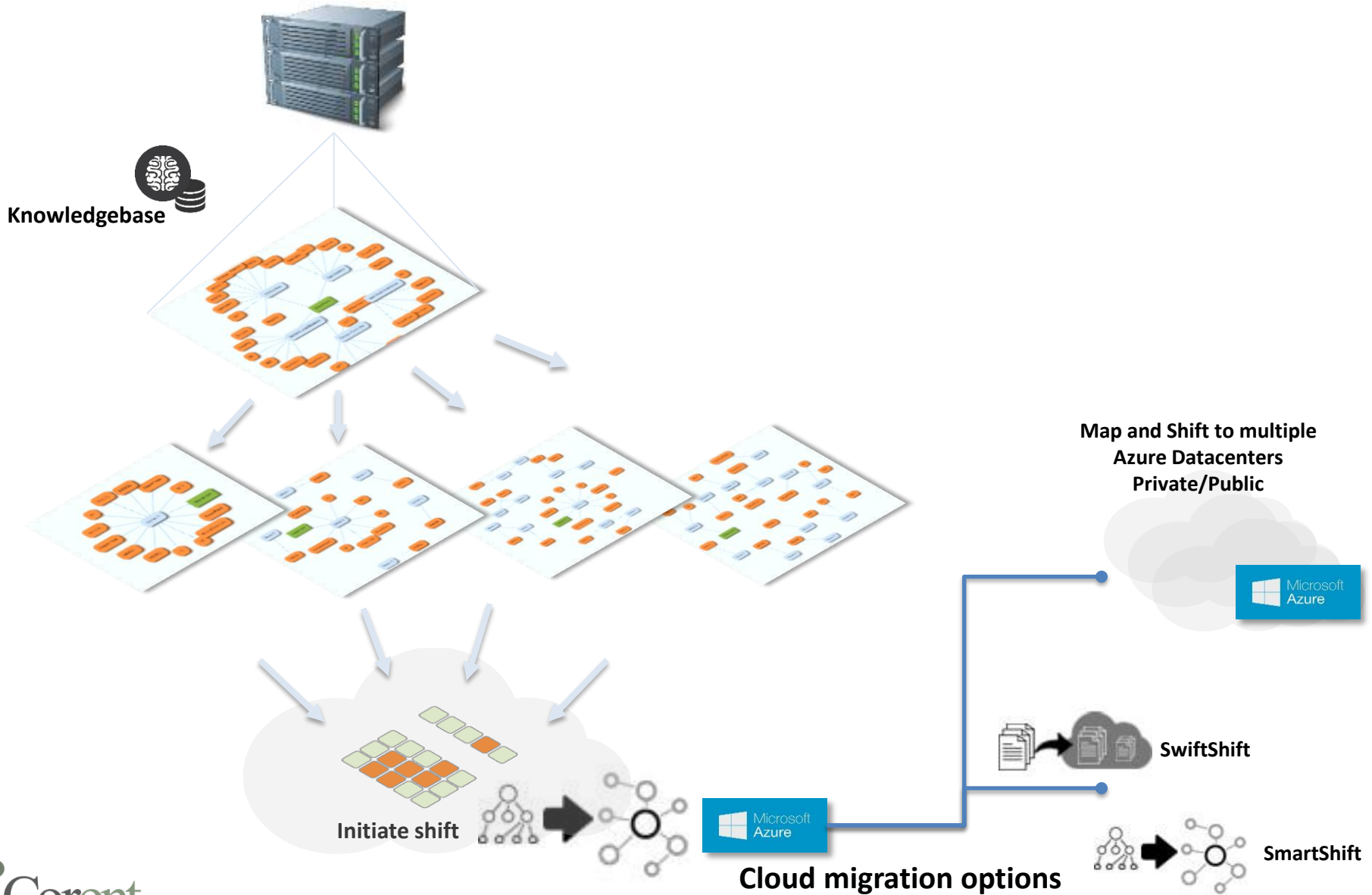
SurPaaS[®] Analyzer – Scan based on customer policies



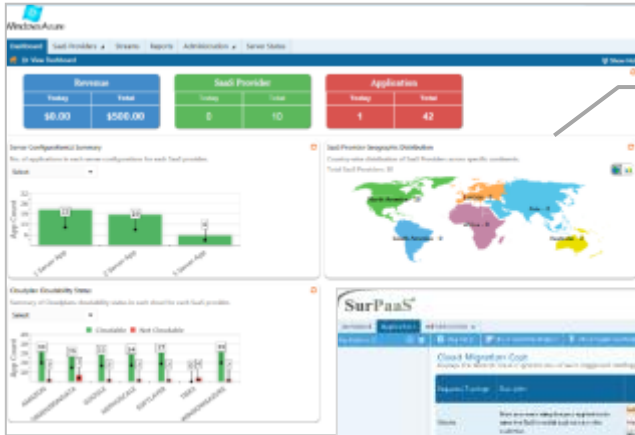
SurPaaS[®] Analyzer – Optimization based on ‘What If’



SurPaaS[®] Analyzer – Flexibility of Cloud migration



SurPaaS® Analyzer Capabilities / Output



Dashboards



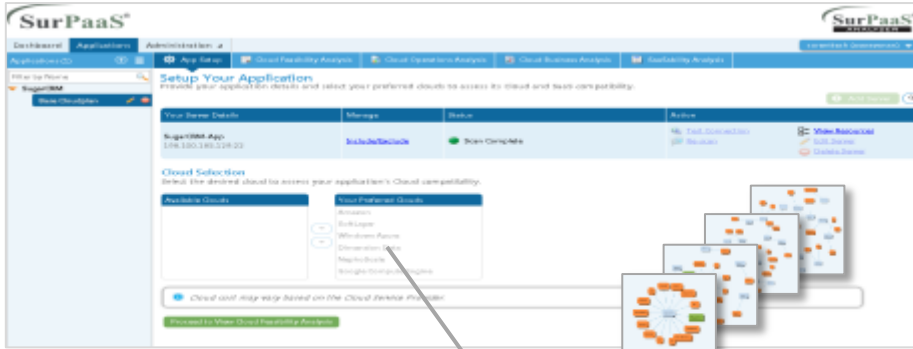
Summary analysis



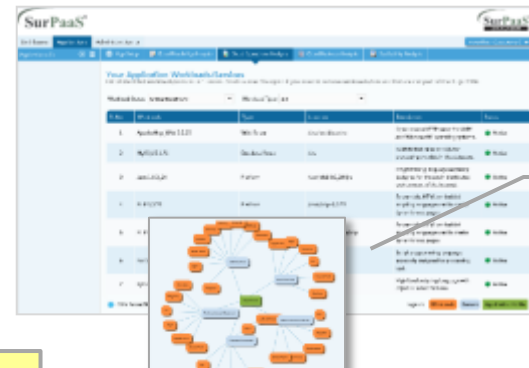
What-if scenarios and Cloud cost modelling



SaaSability guidance

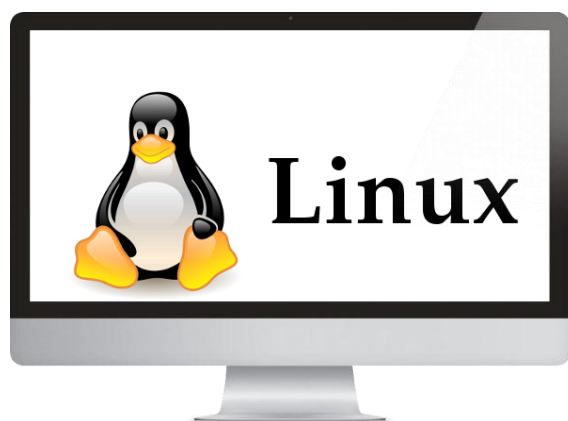


Cloud solution choices and deployment architecture planning



System workload analysis

SurPaaS® supported Environments for Application analysis and migration to Azure



- RHEL 6.4 & above
- Ubuntu 10.04 & above
- SUSE LE Server 10
- CentOS 6.x



- Windows Server 2003/2008/2012



- HP-UX
- Solaris
- IBM AIX

Demo



Live Demo of SurPaaS[®] Analyzer



1. Analyze
- 2. Cloudify**
3. SaaSify

Shift starts with a Shiftplan

Automatically create a Shiftplan from a Cloudplan

Microsoft Dashboard Applications Administration Customization corentech (poc)

Applications

Cloudplans(s) App Setup Cloud Feasibility Analysis Cloud Operations Analysis Cloud Business Analysis SaaSability Analysis

Filter by Application Name

Default Cluster(1)

JTrac

Default Cloudp...

Shift-Windows...

Executive Summary

We evaluated your application's Cloud feasibility. Based on the Application Cloud Compatibility and Resource Efficiency Ratings, you have the choice to select the best suitable Cloud for your application. In addition to the ratings, this analysis states the relative effort required to Cloud enable your application.

Your JTrac application can be Cloud Enabled based on the detailed analysis of your application.

Your Preferred Clouds	Cloudability Status
Windows Azure	Cloudable

SurPaas® Analyzer does not... Therefore, cloudability statu... In addition to the Feasibility... The following sections prov... appropriate section:

1. Cloud Compatibility
2. Your Application W
3. Resource Efficiency
4. Identified Software
5. Identified Database
6. Hardware Details C

Cloud Compatibility C

Your application cloud com

Windows Azure 16% 20% 20% 16% 20% 92%

Application Services Platform Hardware Operating System Network

Your Application Workloads/Services

List of identified workloads/services in 1 source. Create a new Cloudplan if you need to remove workloads/services that are not part of the application. (Trac...

Create Shiftplan

Create a new Shiftplan from the selected Cloudplan to shift your application to your desired Cloud.

From Cloudplan Shift-WindowsAzure

Cloud Provider Windows Azure

Your Shiftplan Name Shift-WindowsAzure

Description Shift to Azure Cloud

Create Cancel

Visualize your Shiftplan

Validate your choices before migration

Microsoft Dashboard Applications Administration Customization corenttech (poc)

Applications

- Cloudplan(s)
- Shiftplan(s)

Filter by Application Name

JTrac

ShiftWindows...

Shift JTrac Application

ShiftPlan: ShiftWindowsAzure
Shift to Azure Cloud

Step 1 - Setup Cloud Account Windows Azure AzurePOC ✓

Step 2 - Select Application Topology

Click on Server, Workload in graph to view the information. Legend: Workloads Server Application Profile

Your Source Topology

```
graph TD; JTrac[ShiftWindowsAzure] --- MySQL[MySQL 5.1.71]; JTrac --- Java[Java 1.6.0_24]; JTrac --- Tomcat[ApacheTomcat 6.0.35];
```

Desired Target Cloud (Windows Azure)

Cloudplan: Shift-WindowsAzure Topology: Distributed

```
graph TD; WebServer[WebServer] --- MySQL[MySQL 5.1.71]; WebServer --- RDBMS[RDBMS]; WebServer --- Java[Java 1.6.0_24]; WebServer --- Tomcat[ApacheTomcat 6.0.35];
```

Total Estimation Cost \$230.40 (per month)

Proceed

SurPaaS® Shift process flow and management

Create and manage your migration

The screenshot displays the SurPaaS management console. The top navigation bar includes 'Microsoft', 'Dashboard', 'Applications', 'Administration', and 'Customization'. The user is logged in as 'corenttech (poc)'. The left sidebar shows a tree view under 'Applications' with 'Cloudplan(s)', 'Shiftplan(s)', and 'JTrac' expanded to show 'ShiftWindows...'. The main content area is titled 'Shift JTrac Application' and shows a 'ShiftPlan: JTrac-Amazon4'. The migration process is shown in four steps:

- Step 1 - Setup Cloud Account (Windows Azure, AzurePOC ✓)
- Step 2 - Select Application Topology (Distributed Topology ✓)
- Step 3 - Setup Source Machine Credentials ✓
- Step 4 - Migrate Workloads (Expanded)

Under Step 4, the 'Infrastructure' section lists the following components:

Component	IP Address	Status	Settings
RDBMS2	54.90.122.100	Yet to start	⚙️
Saas Agent Installation	54.90.122.100	Yet to start	
WebServer1	54.146.216.252	Yet to start	⚙️
Saas Agent Installation	54.146.216.252	Yet to start	

The 'Workloads' section is also expanded, showing the following tasks:

Workload Type	Task	Target	Status	Actions
Java	Installation	WebServer1	Yet to start	⬆️ ⬆️ ⚙️ +
MySQL	Installation	RDBMS2	Yet to start	⬆️ ⬆️ ⚙️ +
	Data Migration	RDBMS2	Yet to start	⬆️ ⬆️ ⚙️ +
	Database Access Rights	RDBMS2	Yet to start	⬆️ ⬆️ ⚙️ +
ApacheTomcat	Installation	WebServer1	Yet to start	⬆️ ⬆️ ⚙️ +
	Application Deploym...	WebServer1	Yet to start	⬆️ ⬆️ ⚙️ +

Start migration

Automatic cloud provisioning and workload migration

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft', 'Dashboard', 'Applications', 'Administration', and 'Customization'. The user is logged in as 'corenttech (poc)'. The main content area is titled 'Applications' and shows a sidebar with 'Cloudplan(s)', 'Shiftplan(s)', and a search filter for 'JTrac'. The main panel is titled 'Step 4 - Migrate Workloads' and is divided into two sections: 'Infrastructure' and 'Workloads'.

Infrastructure

Component	IP Address	Status	Actions
RDBMS2	54.90.122.100	Running	Settings
SaaS Agent Installation	54.90.122.100	Running	
WebServer1	54.146.216.252	Running	Settings
SaaS Agent Installation	54.146.216.252	Running	

Workloads

Category	Task	IP Address	Status	Actions
Java	Installation	54.146.216.252	Success	Refresh, Settings, Delete, Add
MySQL	Installation	54.90.122.100	Success	Refresh, Settings, Delete, Add
MySQL	Data Migration	54.90.122.100	Success	Refresh, Settings, Delete, Add
MySQL	Database Access Rights	54.90.122.100	Success	Refresh, Settings, Delete, Add
ApacheTomcat	Installation	54.146.216.252	Success	Refresh, Settings, Delete, Add
ApacheTomcat	Application Deploym...	54.146.216.252	Success	Refresh, Settings, Delete, Add

[Check Application](#)

Customizing your Shiftplan

Flexibility and precise control over your migration process

The screenshot shows a web interface with four tabs: 'Add New Script', 'Use System Scripts', 'Sync Files/folders', and an unlabeled tab. The 'Sync Files/folders' tab is active. Below the tabs, the text 'Provide the information to Sync' is displayed. The form contains several fields:

- * Group Name: JTracProperties
- * Name: DBMSConnection
- * Source IP: 40.76.214.48
- * Source Location: /data/JTrac (with a help icon)
- Exclude: (empty field with a help icon)
- * Destination Server: WebServer1 (dropdown menu)
- * Destination Location: /tmp/ jtrac (with a help icon)

At the bottom of the form are two green buttons: 'Add' and 'Cancel'.

Fine-tune your migration by synchronizing different data sources, add custom scripts, server/process restarts and additional configuration for your target environment

Application Data Synchronization

Visualize progress ... with options to re-synchronize

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft', 'Dashboard', 'Applications', 'Administration', and 'Customization'. The user is logged in as 'corenttech (poc)'. The main content area is titled 'Applications' and shows a sidebar with 'Cloudplan(s)', 'Shiftplan(s)', and 'JTrac'. The 'JTrac' application is selected, showing a 'ShiftWindows...' button. The main panel displays 'Step 4 - Migrate Workloads' with a play button icon. It is divided into 'Infrastructure' and 'Workloads' sections. The 'Infrastructure' section lists components like RDBMS2, Saas Agent Installation, and WebServer1, all with 'Running' status. The 'Workloads' section lists tasks for Java, MySQL, ApacheTomcat, and JTracProperties. The 'JTracProperties' section includes a 'DBMSConnection' task with an 'In-Progress' status, which is circled in blue. A 'Check Application' button is located at the bottom right of the main panel.

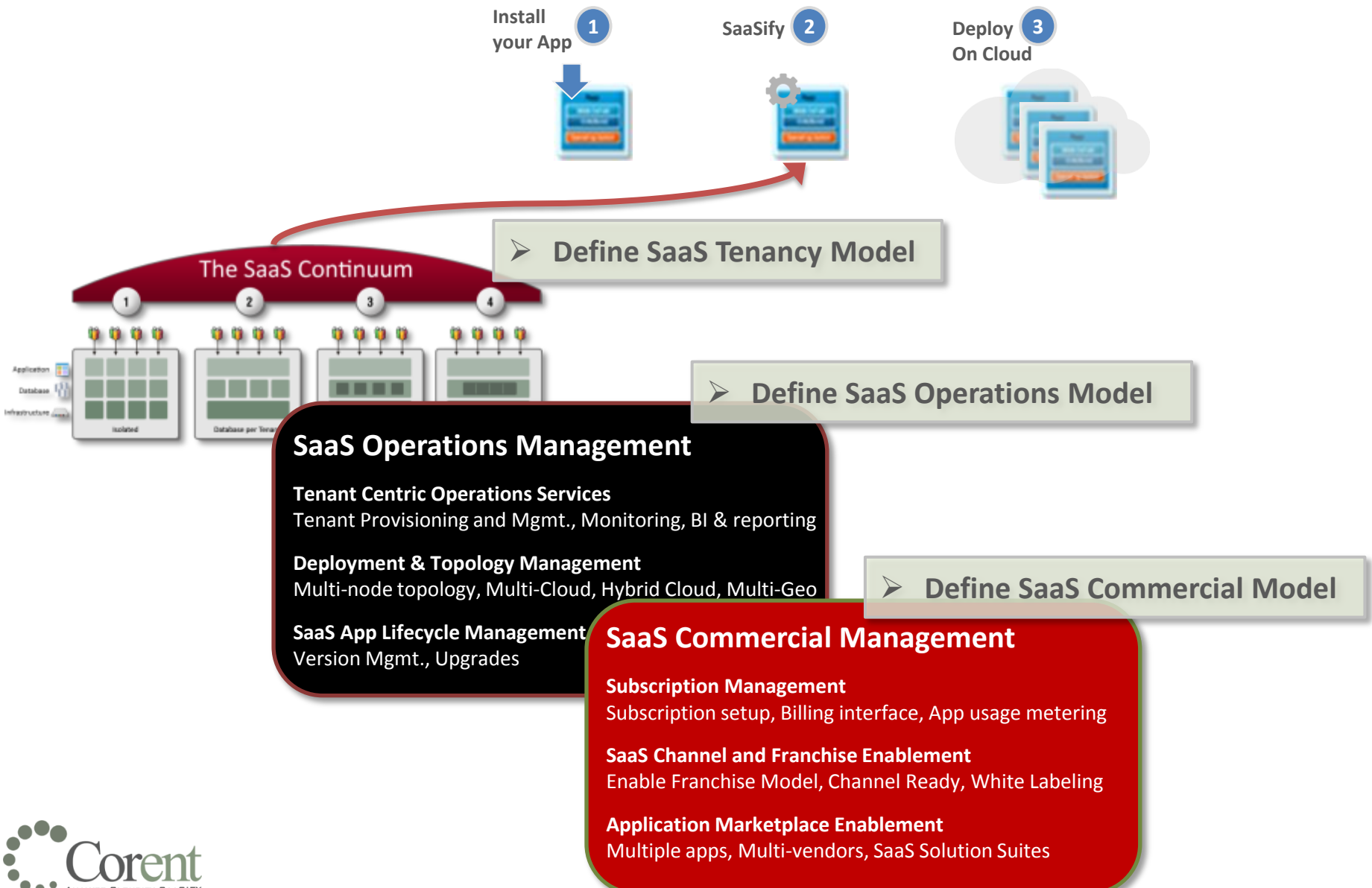
Category	Task Name	IP Address	Status	Actions
Infrastructure	RDBMS2	54.90.122.100	Running	⚙️
	Saas Agent Installation	54.90.122.100	Running	
	WebServer1	54.146.216.252	Running	⚙️
	Saas Agent Installation	54.146.216.252	Running	
Workloads	Java			
	Installation	54.146.216.252	Success	↑ ↓ ⚙️ 🗑️ +
	MySQL			
	Installation	54.90.122.100	Success	↑ ↓ ⚙️ 🗑️ +
	Data Migration	54.90.122.100	Success	↑ ↓ ⚙️ 🗑️ +
	Database Access Rights	54.90.122.100	Success	↑ ↓ ⚙️ 🗑️ +
	ApacheTomcat			
	Installation	54.146.216.252	Success	↑ ↓ ⚙️ 🗑️ +
	Application Deploy...	54.146.216.252	Success	↑ ↓ ⚙️ 🗑️ +
	JTracProperties			
DBMSConnection	54.146.216.252	In-Progress	↑ ↓ ⚙️ 🗑️ +	



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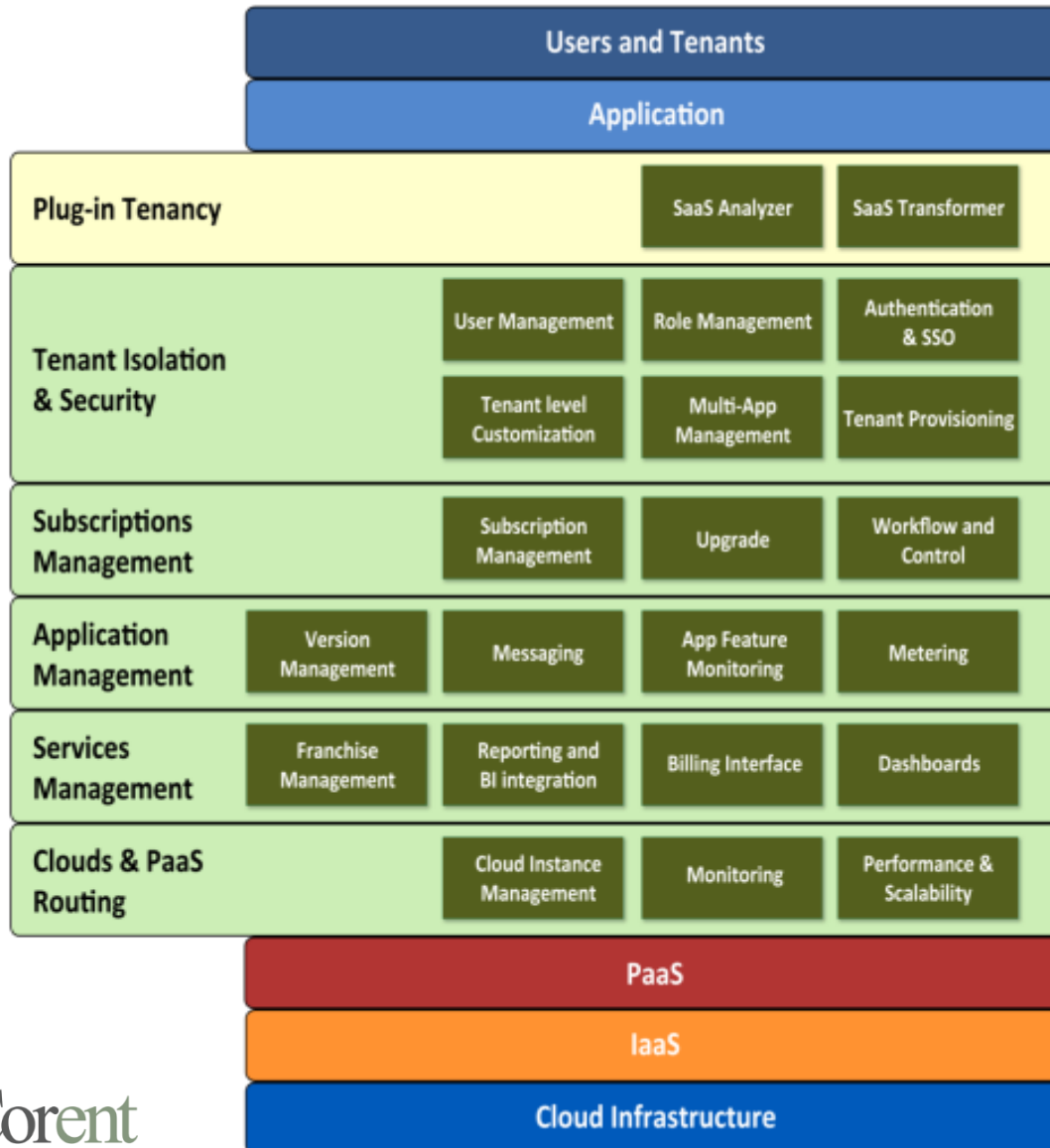
Software Defined SaaS[®]

Automating SaaSification



Corent Closes the expensive and time consuming SaaS Gap

Enables software applications to be delivered as SaaS quickly and efficiently!



Closing the SaaS Gap

A seamless fully integrated layer of capabilities to efficiently deliver your application “as a Service”

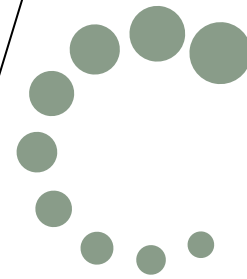


SurPaaS[®] is now available on Azure

- ❑ On subscription basis
- ❑ Corent support staff available to help you and your team to showcase Migration to Azure to prospect customers
- ❑ POC's available for real time cases to create your own service proposition and business case
- ❑ Customizable, private label SurPaaS[®] is available to HSPs, MSPs, VARs and SIs
- ❑ Contact Corent at EU-info@corenttech.com to showcase how SurPaaS[®] can automate and optimize your migration to Azure



Microsoft



Corent

ANALYZE CLOUDIFY SAASIFY

Azure Cloud Migration Made Easy with SurPaaS®

Special Offer for Webinar Attendees

Webinar attendees are eligible for a complimentary one hour guided analysis of any application of their choice from our portfolio of 35+ sample applications, using SurPaaS® Analyzer.

Contact us at EU-info@corenttech.com

Q&A

Azure Migration – Automated
and Optimized with SurPaaS®





Thank you for your interest in SurPaaS®

Contact Us:

Corent Europe

Website: www.CorentTech.com

Email: EU-info@CorentTech.com

 **Corent Europe**

Hogehilweg 8,
1101 CC Amsterdam, Netherlands

☎ +31-(0) 205616270