SAzure Billing App



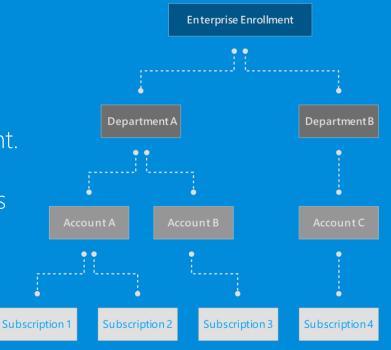
Baseline

The Customer wants a precise and **daily updated** evaluation of its usages in Azure.

Especially not only its own usages, but also the consumption of its subsidiaries and affiliated companies which are part of the EA Enrollment.

o Invoice must be divided on the usage base between those companieso Distribution is currently manually in Excel

Goal: Automate this process and display in a filterable dashboard for every Company / Department.





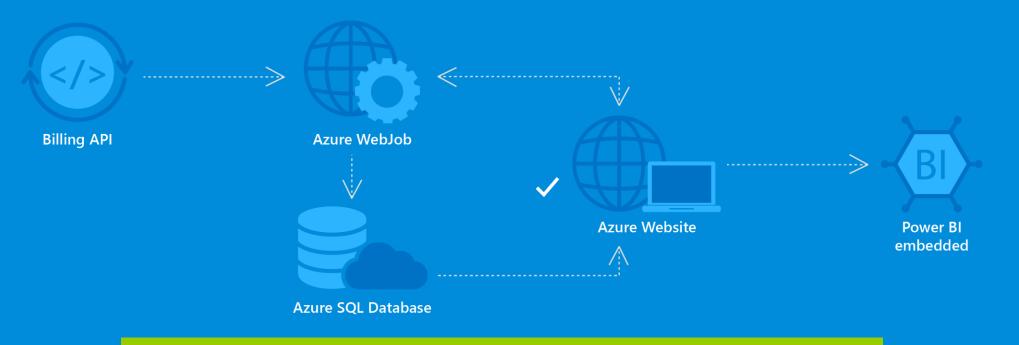
Additional request



- Organizations can purchase pre-committed usage by Microsoft and may gain a discount on that
- \checkmark Preferably charging of Reserved Instances (RI) in the consumption billing
- \checkmark Not possible without an automated solution
- ✓ Adding service charges (for subsidiaries) as needed



Architecture of the App



• Runs in the environment of the customer (Azure Subscription)

 $\,\circ\,$ Data kept only at the customer site



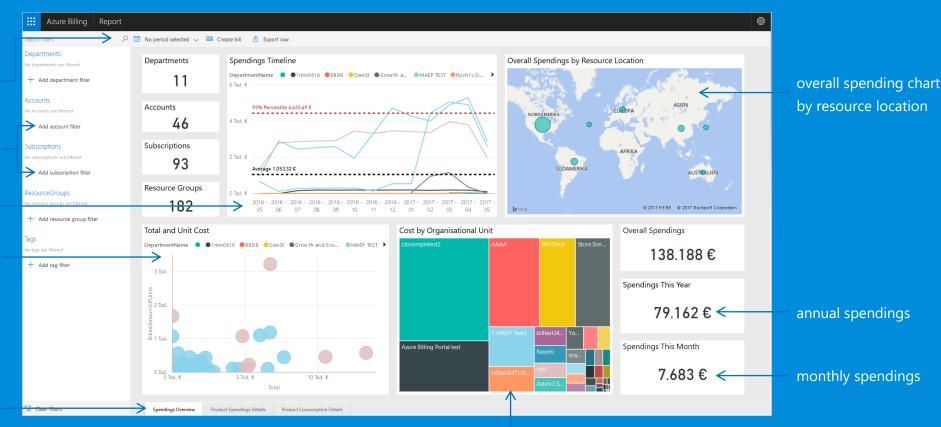
Dashboard (cover page)

extract bills and export raw information for a selected period of time

detailed filter options

dynamic bar charts with drill down functionality to view various information (PowerBI embedded)

select detailed overviews/ charts for spendings and consumption



various charts for different analyses and extracted information

lilling App

Product spendings

Amura Pilling

selectable product section for detailed information and charts

departments are filtered	Product Selector	Spendings By Product, Grouped by Day, Compared to Unit Cost					Timeline by Products		
	م_	BilledProductName	Total E	BilledPricePerUnit Billec	dAmountOfUnits 🔶 Billing	BilledProductN.	●A2 HDInsight ●A2 VM	- US 🔹 A2 VM (Win 🕨	
 Add department filter 	A0 Cloud Services - US South Central	Read-Access Geo Redundant	0,00 €	6,72	0,00 12.02.	16.00K -			
counts	A0 VM - US West	Read-Access Geo Redundant		6.72	0.00 22.05.	14.00K -			
Accounts are filtered	A0 VM (Windows) - AP Southeast A0 VM (Windows) - EU North								
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	A1 Cloud Services - AP East	Read-Access Geo Redundant	0.00 €	6.72	0.00 09.05.				
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saa saasanpiion niter	A1 Cloud Services - US West	Read-Access Geo Redundant	0,00 €	6,72	1 00 23.04.	4.00K -			spendings un
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Add resource group filter	A1 VM (Windows) - EU West								
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igs are filtered	A1 VM (Windows) - US West - Dev/Test	onusigned			id rung company				
Add tag filter	A2 Cloud Services - US South Central								
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	A2 VM - US West A2 VM (Windows) - US West	Visual S.		Sta Lo c					chart chowin
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	A3 VM (Windows) - EU West	Web Site						Stan d St St	
	A3 VM (Windows) - US East	Stan dard_D3 VM (Wi							
	A3 VM (Windows) - US West	Standard					A1 VM SecureInfraC		
	 A3 VM (Windows) - US West - Dev/Test A6 Cloud Services - US West 						A		
	A Cloud Services - 03 West	Site Recovery VM re A2 VM (.			/M (Windows) - U West		G Standard	Az ure App Se	

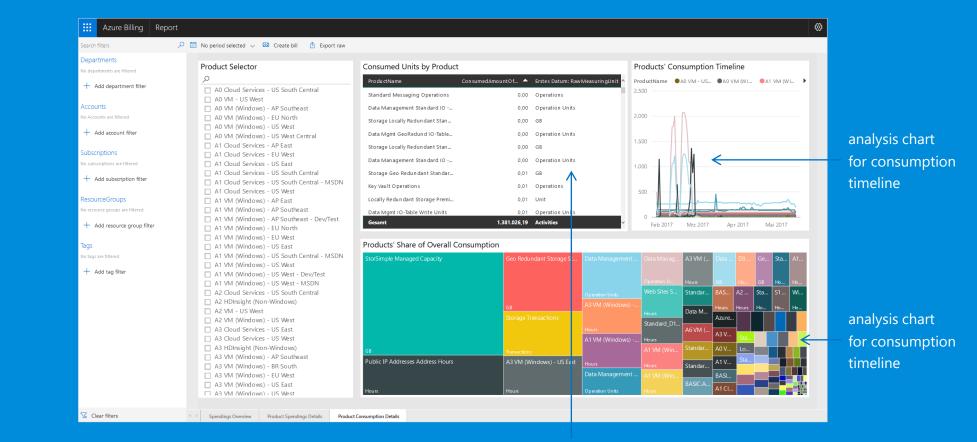
analysis spreadsheet of spendings by product

products' line

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Product consumption



analysis spreadsheet of consumed units by product



Admin-Interface

Azure Billing Report						۲
Commitments +	Create new 🖉 Edit 📋	Delete				
Service Charges	Account	Туре	Amount	Price	Begin	End
i D	Account 1	Account	10	1000	Jan 31, 2017	Jan 31, 2017
C	Account 2	All	100	10000	Jan 31, 2017	Jan 31, 2017
	Commitment Account Account 1 Type Account Amount 10 Begin Tue Ian 31 2017 0	V Price 1000 End Tue Ian 31 2017 0 Save Cancel	Service Charge Name Name All Amount 0 Begin End Tue Jan 31 2017 0 Save	× • • • • • • • • • • • • • • • • • • •	Delete Com	

Add and remove commitments / service charges



Features

Deployment to customers Azure environment

- ✓ Authentication via AAD/ADFS
- Responsive Design
- 🗸 Multilingual
- ✓ Quick Start Deploy App → Insert EA API-Key → Run

Consideration of company structure in the entire app (only data you're supposed to see)F

✓ Free for customers which adds us as DPOR / else 149,00 EUR a month / instance



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