Azure Billing App

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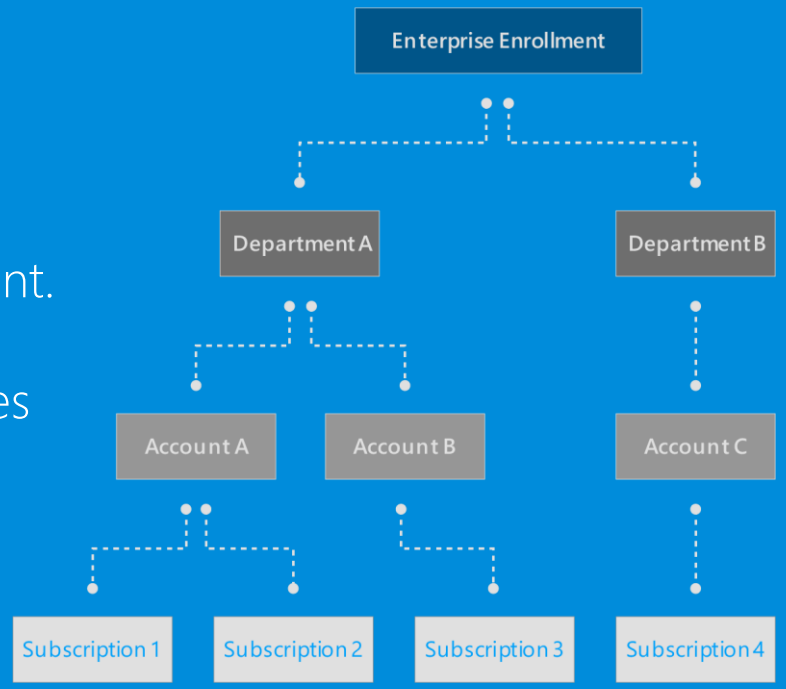
Baseline

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.

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

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



Additional request

Calculation of Reserved Instances (RI)

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Adding service charges (for subsidiaries)

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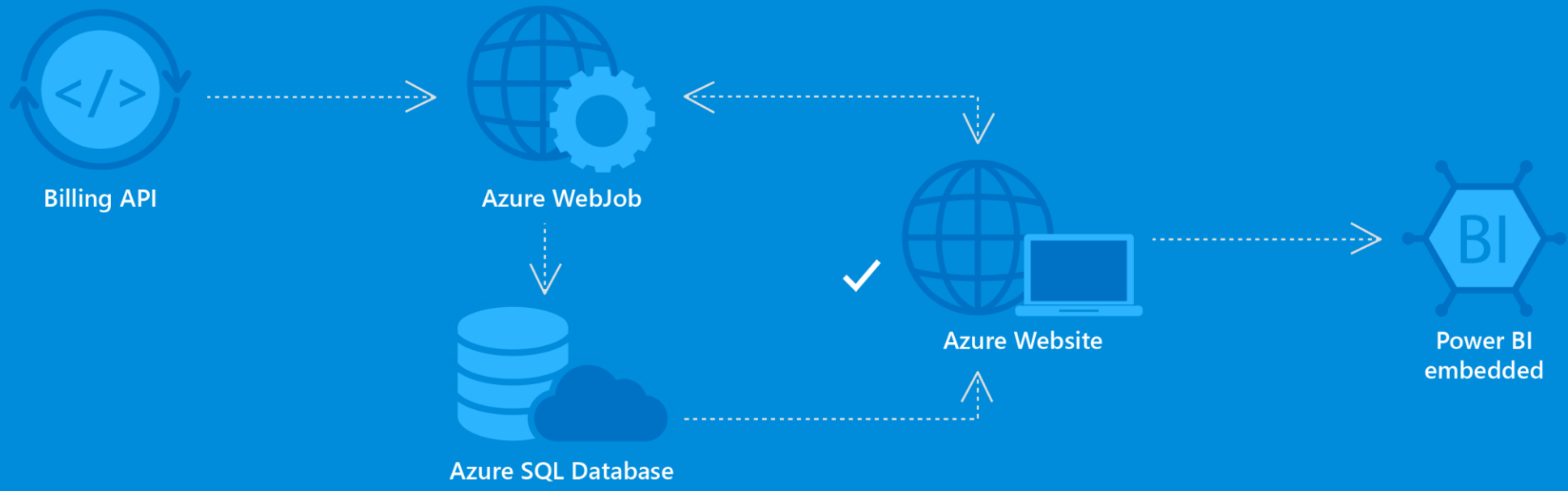
Hybrid-use benefit

- ✓ Organizations can purchase pre-committed usage by Microsoft and may gain a discount on that
- ✓ Preferably charging of Reserved Instances (RI) in the consumption billing
- ✓ 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)
- Data kept only at the customer site

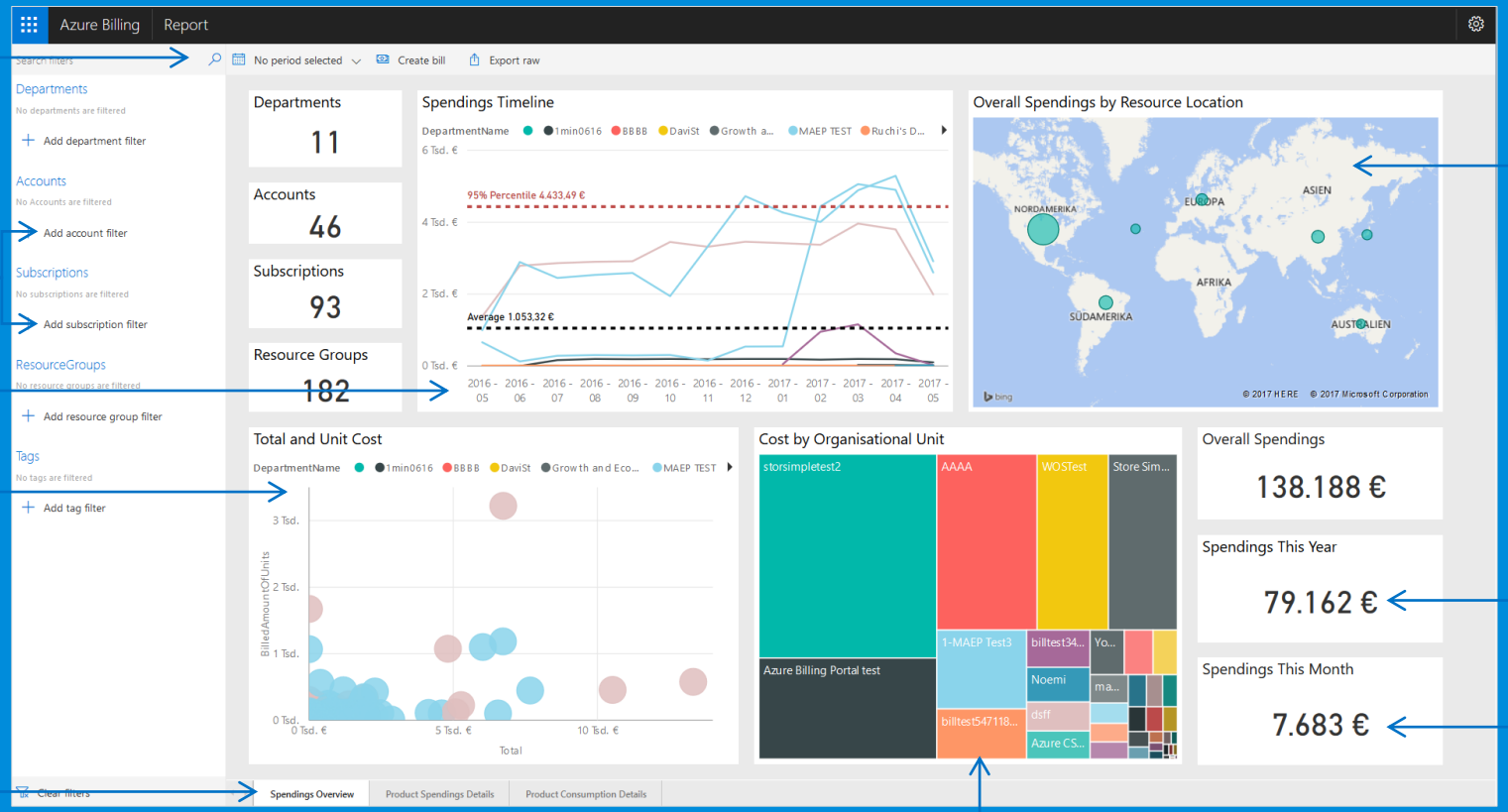
Dashboard (cover page)

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



overall spending chart by resource location

annual spendings

monthly spendings

various charts for different analyses and extracted information

Product spendings

selectable product section for detailed information and charts

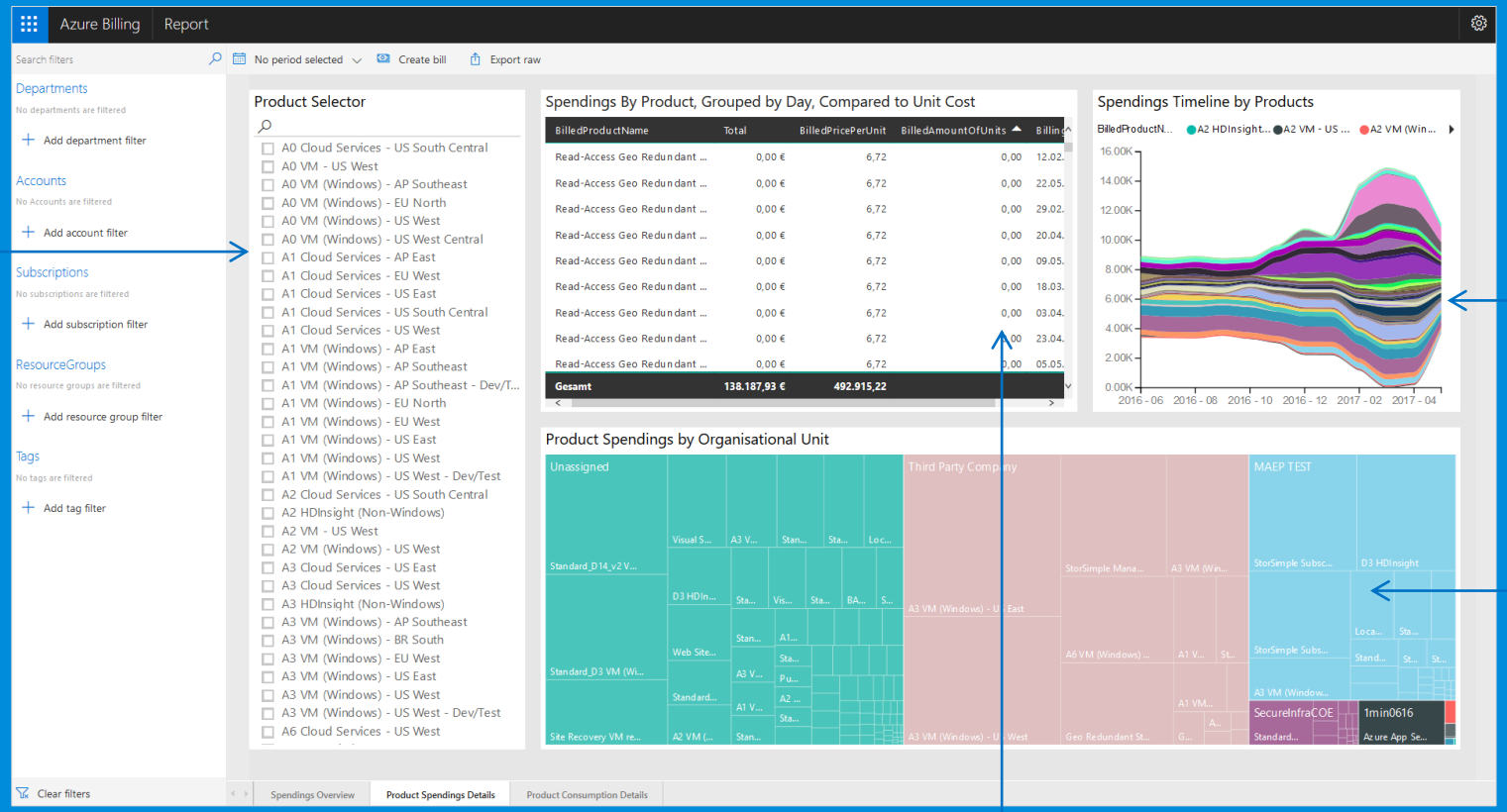
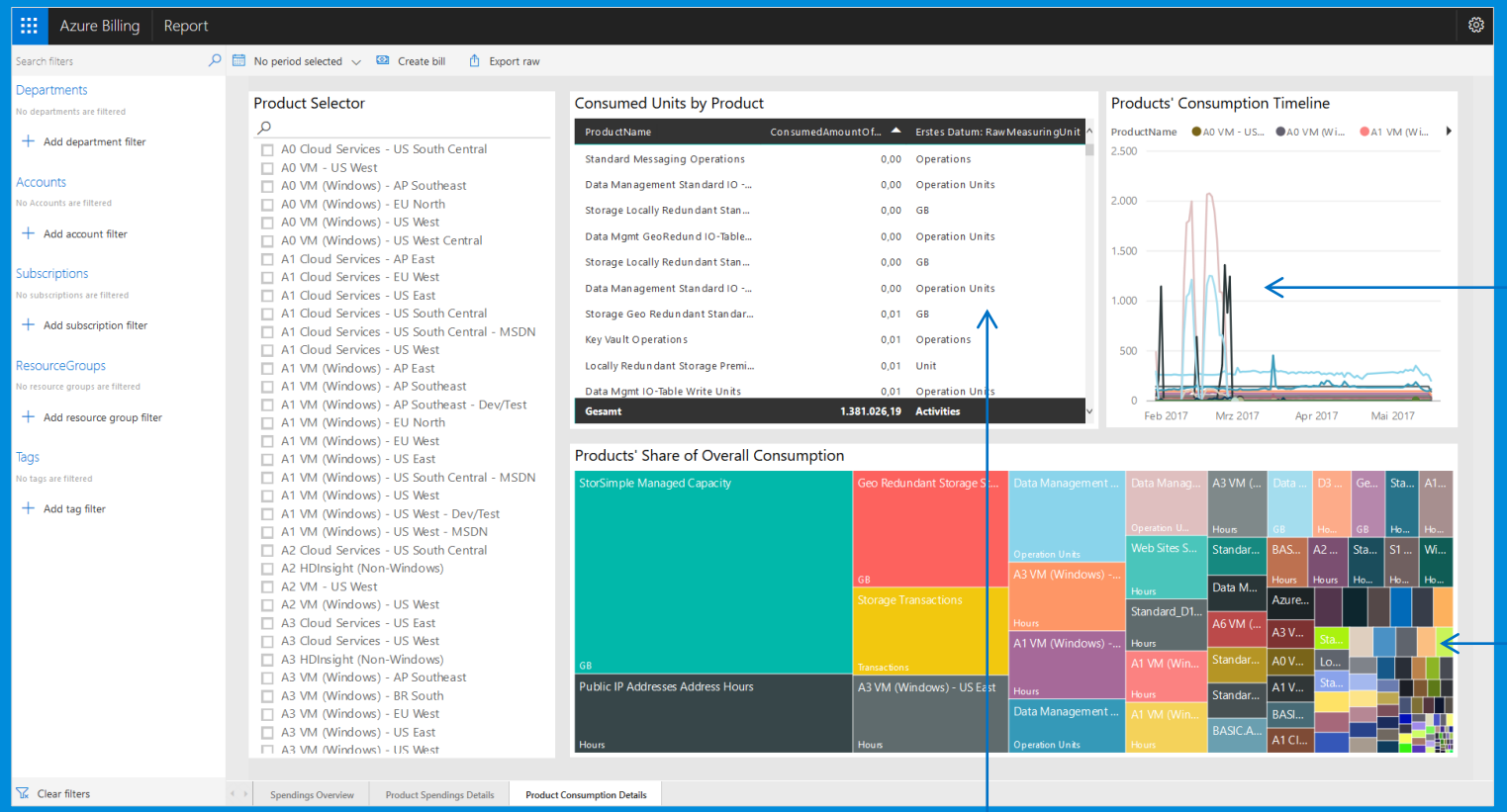


chart stating the products' spendings timeline

chart showing product spendings by organisational unit

analysis spreadsheet of spendings by product

Product consumption

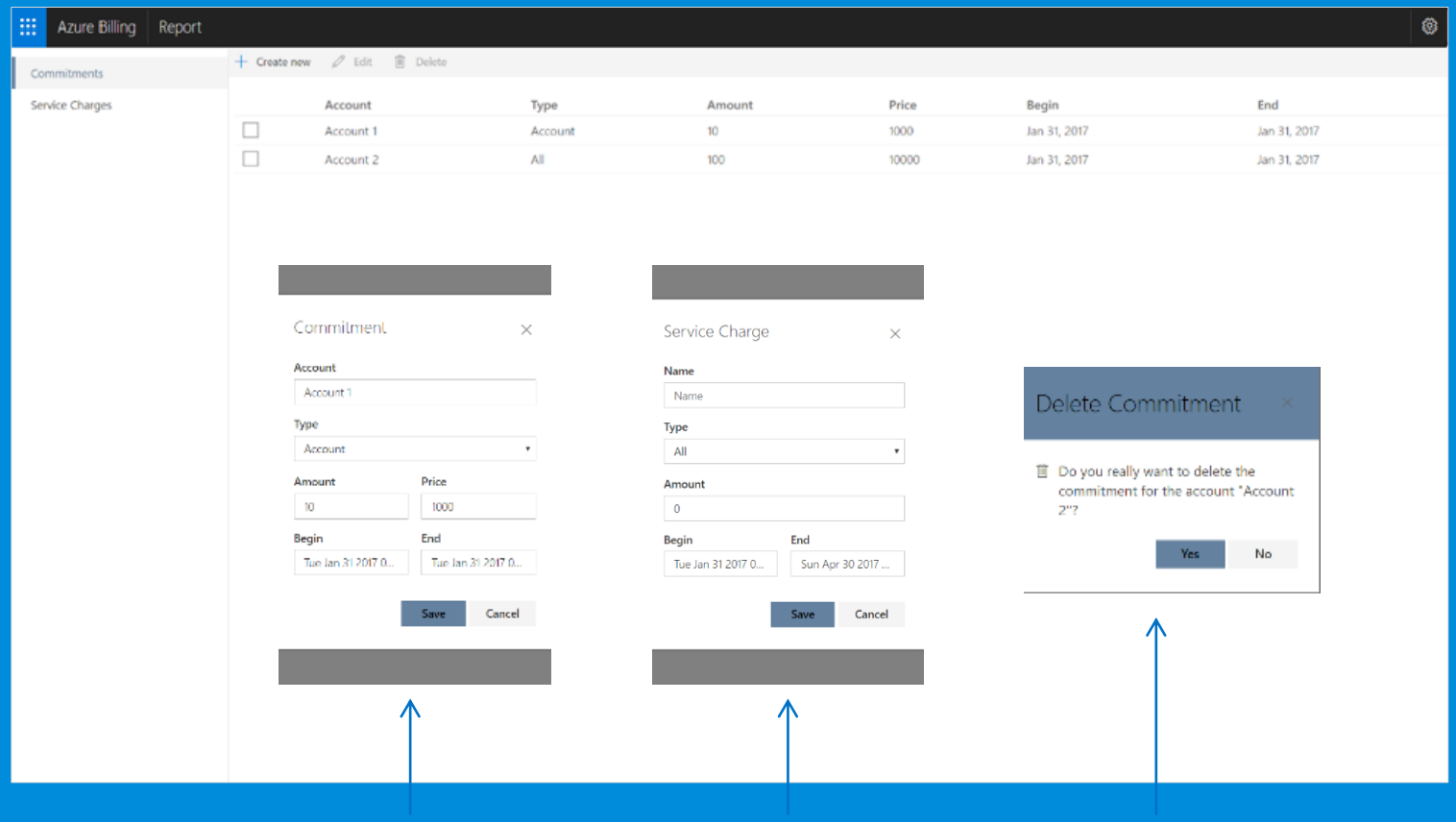


analysis chart for consumption timeline

analysis chart for consumption timeline

analysis spreadsheet of consumed units by product

Admin-Interface



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

Contact

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