25

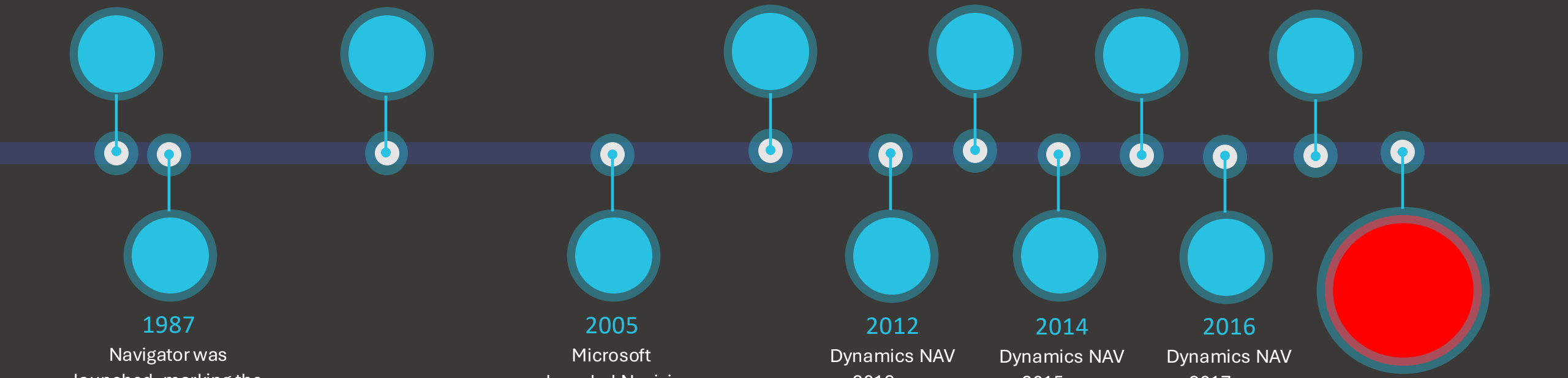
BC (SaaS): Scalable for ALL Customers

How Microsoft's Architecture and Infrastructure Drive Success

Nick Harper
Andrei Popescu

First – a bit of history

The evolution to Business Central



1984
PC Plus, the precursor to Dynamics NAV, was introduced

1987
Navigator was launched, marking the beginning of the Dynamics NAV lineage

1995
Navision Financials 1.00 was released, designed for Windows

2005
Microsoft rebranded Navision to Dynamics NAV

2009
Dynamics NAV 2009 introduced a major rewrite of the product

2012
Dynamics NAV 2013 was launched

2013
Dynamics NAV 2013 R2 followed.

2014
Dynamics NAV 2015 was released

2015
Dynamics NAV 2016 came to market

2016
Dynamics NAV 2017 was introduced

2017
Dynamics NAV 2018 marked the final iteration of the NAV brand

April 2018
Business Central Online introduced

Who, where, why ?

01 Dynamic and Elastic Scalability

Scalability: How Compute Scales

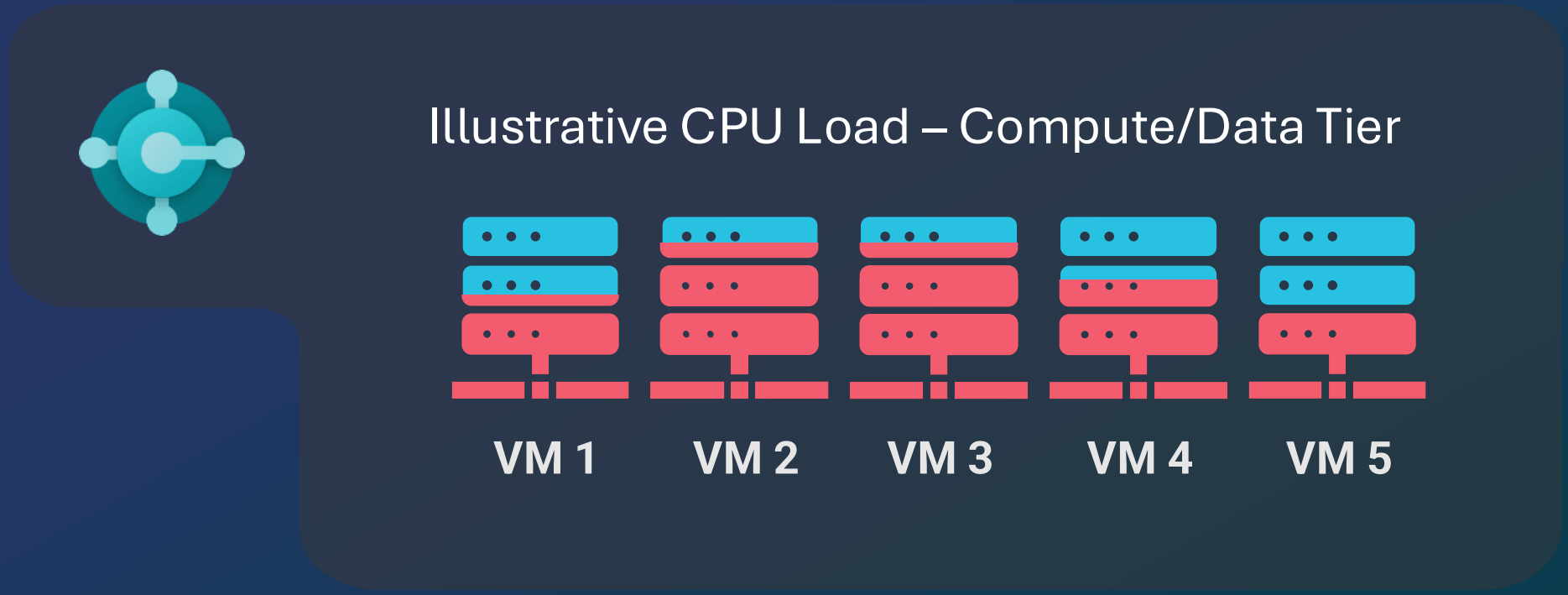
01

40+ microservices

Security, monitoring, databases, RBAC, certificate rotation …

01

Business Central Scalability



01

Global footprint

Available Business Central Localisations

175

01

Global footprint

Business Central Supported Languages

55

02 Power with Constraints

API Limitations and Best Practices

02

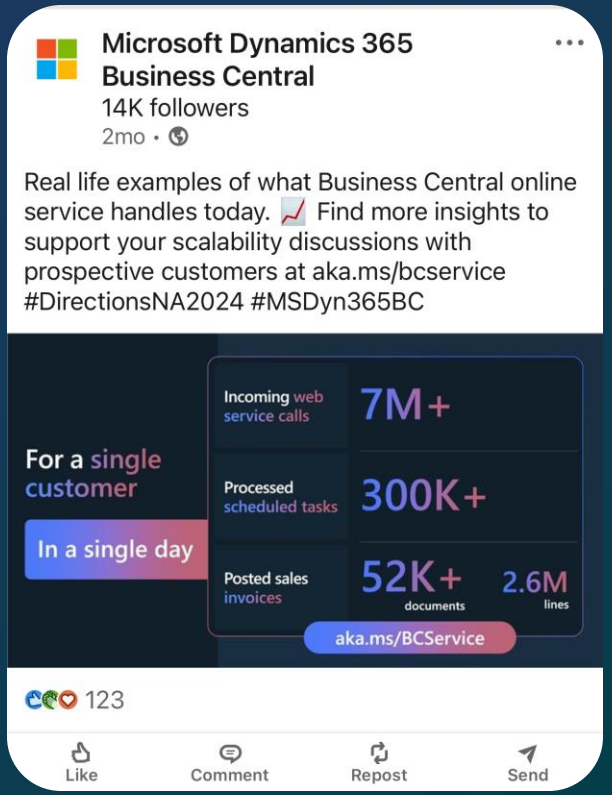
Scalable throughput

- 600 web service requests per user
  - previous 5-minute sliding window
- 5 concurrently running scheduled tasks per user

02

Real life Microsoft numbers...

- 10 Million API calls in a day
- 1 Million API calls in an hour
  - 277 per second on average
- 25,000 API calls in a minute
  - 416 per second on average



03 Scalability for Every Business

Supporting Diverse Customer Sizes

03

Low latency

Available in all majoure Azure Regions

21

1000s of Customers
with more than 100+ Users

Fredrik Hietala
Principle Program Manager Microsoft

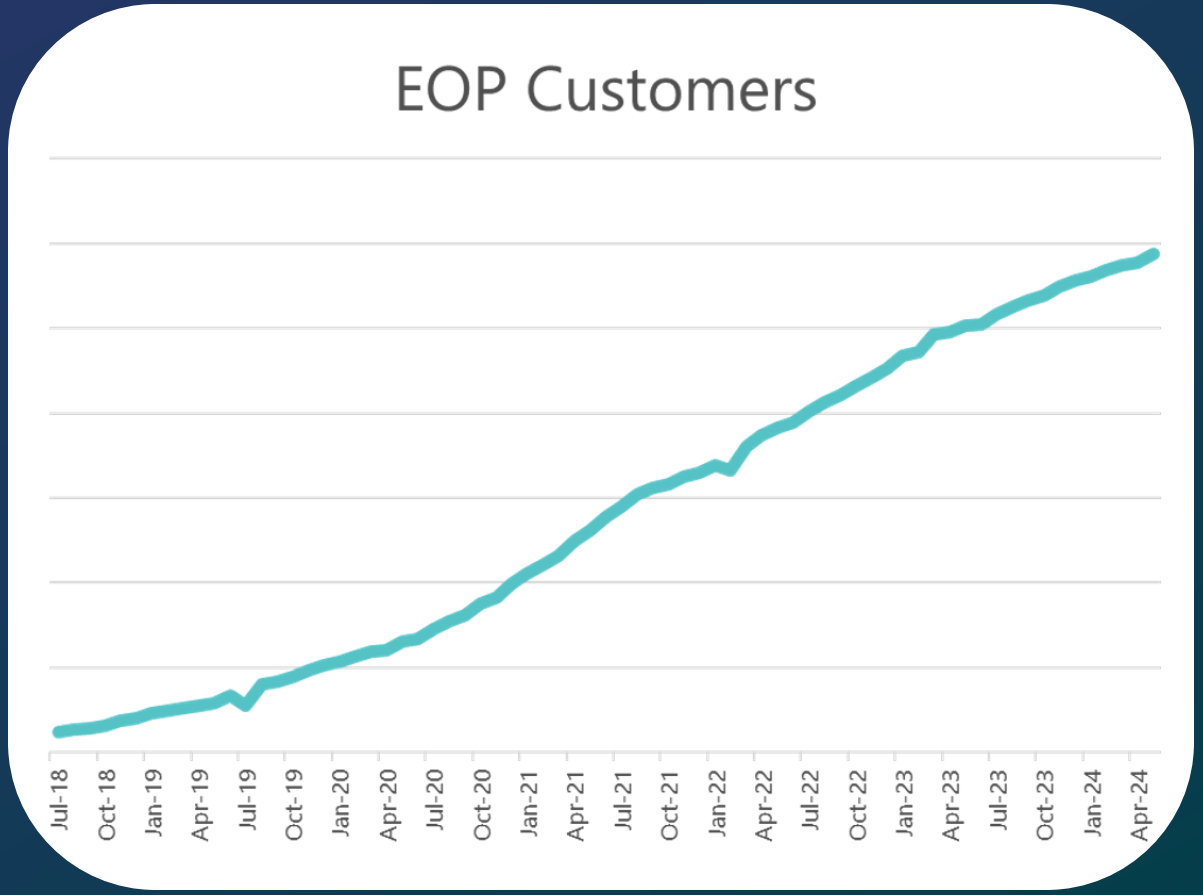
03

BC Customer growth

BC customers with >100 seats

+105%

YoY



04 Business Central's Growth and Vision

Platform Growth and Future Outlook

04

Growing AppSource library

Filters Clear all

Search filters

Products (1)

Dynamics 365

- Business Central
- Commerce
- Customer Service
- Customer Voice
- Field Service
- Finance
- Human Resources
- Marketing
- Mixed Reality
- Project Operations
- Project Service Automation
- Sales
- Supply Chain Management

Microsoft 365 (8)

- Excel
- Office app
- OneNote
- Outlook
- PowerPoint
- Project
- SharePoint

Apps results

Showing 5220 results in apps. View 29 related results in industry clouds.

Word × SharePoint × Project × PowerPoint × Outlook × OneNote × Office app × Excel × Microsoft 365 ×

All results

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Excel

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★ 4.4 (1601 ratings)

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Keuji Co

Word

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★ 3.7 (55 ratings)

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Get it now ☆

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Zoom Video Communications, Inc

Outlook

Add a Zoom meeting to any Outlook calendar event.

★ 3.5 (469 ratings)

Additional purchase may be required

Get it now ☆

BioRender for PowerPoint

Science Suite Inc.

PowerPoint

Add BioRender figures to PowerPoint presentations & keep them updated in a click.

★ 2.3 (9 ratings)

MathType

Wiris

PowerPoint Word

World's leading equation editor that allows you to write math notation as easily as you write text.

★ 2.2 (407 ratings)

Mendeley Cite

ELSEVIER LIMITED

Word

Cite as you write. Generate citations and bibliographies and change your citation style.

★ 2.0 (3007 ratings)

Rosie AI - ChatGPT for Excel

Rowsie AI

Excel

Your AI assistant for Excel - helping you write formulas, analyze data, and uncover insights.

★ 5.0 (11 ratings)

RefWorks Citation Manager

Clarivate

Word

Access your references when writing for quick formatting of citations and a bibliography.

★ 5.0 (5 ratings)

https://appsource.microsoft.com/en-us/product/office/WA104379334?tab=Overview

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Products (1)

Dynamics 365 (1)

- [x] Business Central
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- [ ] Marketing
- [ ] Mixed Reality
- [ ] Project Operations
- [ ] Project Service Automation
- [ ] Sales
- [ ] Supply Chain Management

Microsoft 365

- [ ] Excel
- [ ] Office app
- [ ] OneNote
- [ ] Outlook
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Dynamics 365 Business Central

Connect your financials, sales, service, and operations with an all-in-one business management solution. Easily tailor and extend the application to meet your business or industry-specific needs.

Get Dynamics 365 Business Central >

Apps results

Showing 6280 results in apps. View 709 related results in consulting services or 29 related results in industry clouds.

Business Central × Dynamics 365 ×

All results

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Shopify Connector
Microsoft
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Synchronize order, stock, and customer information.
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Free
Get it now ☆

05

Understanding SaaS Trade-Offs

SaaS vs. On-Premises: Key Limitations

05

Trade-Offs

SQL Access

File System

Extensions lifecycle

SaaS	✗	✗	• controlled
On-Prem	✓	✓	• discretionary

06

Business Central SaaS IS for You!

Debunking the Myth

07 Q&A

Thank You.