Azure Meetup TORINO

#GlobalAzureTorino

Microsoft Cloud

Building future agility with digital optimism. Where we are and where we're going

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#GLOBALAZURE

welol

TechData

ot-ti-mì-smo

Tendenza a valorizzare gli aspetti migliori della realtà e ad aspettarsi sviluppi futuri favorevoli.

Digital
transformation

Digital
acceleration

The world is moving
into the digital space
faster than ever before

Digital optimism

We are seeing innovation everywhere

Healthcare

Financial Services

Manufacturing

Retail

Government

Microsoft Cloud

Modern work

Business applications

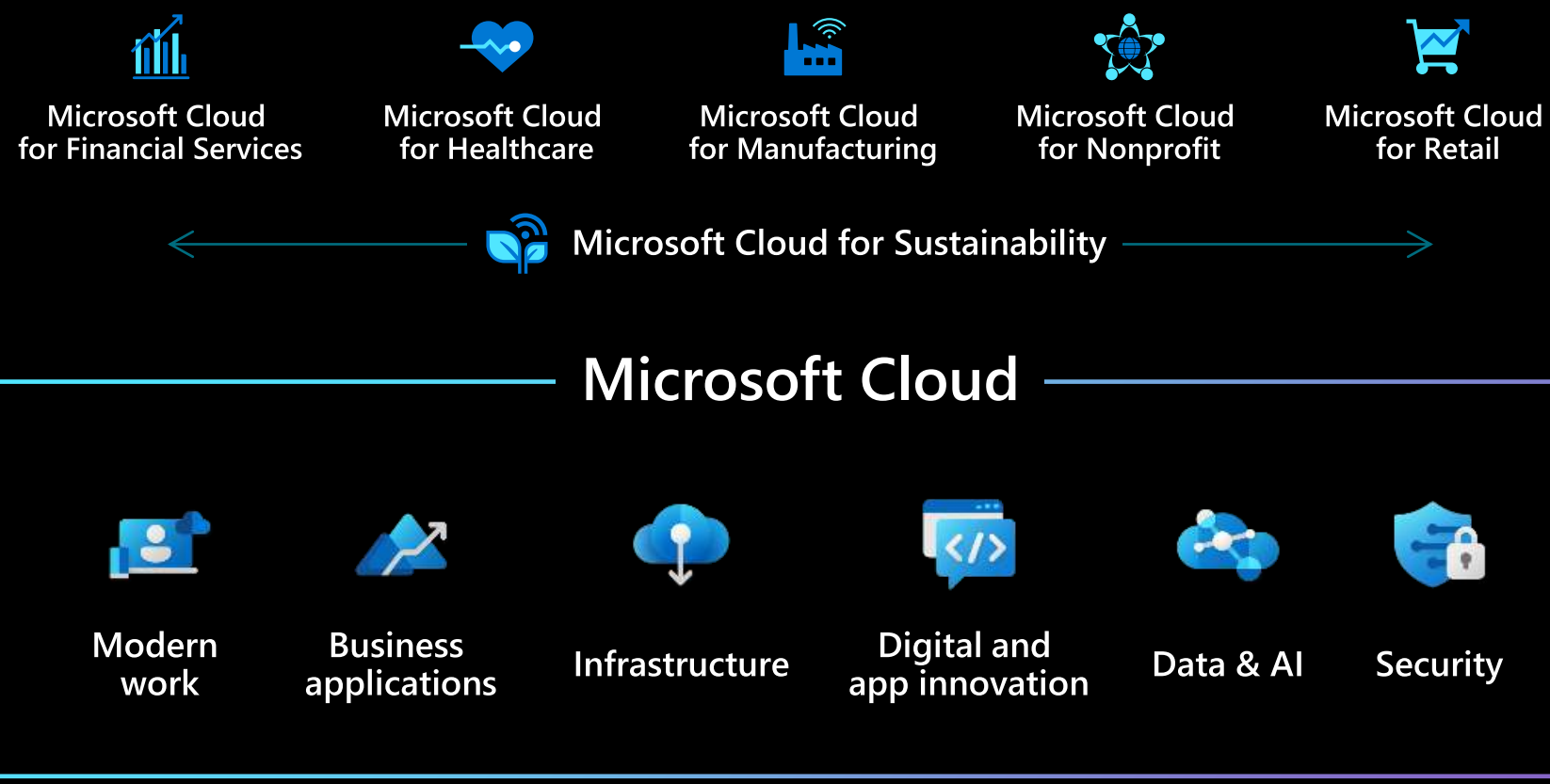
Infrastructure

Digital and app innovation

Data & AI

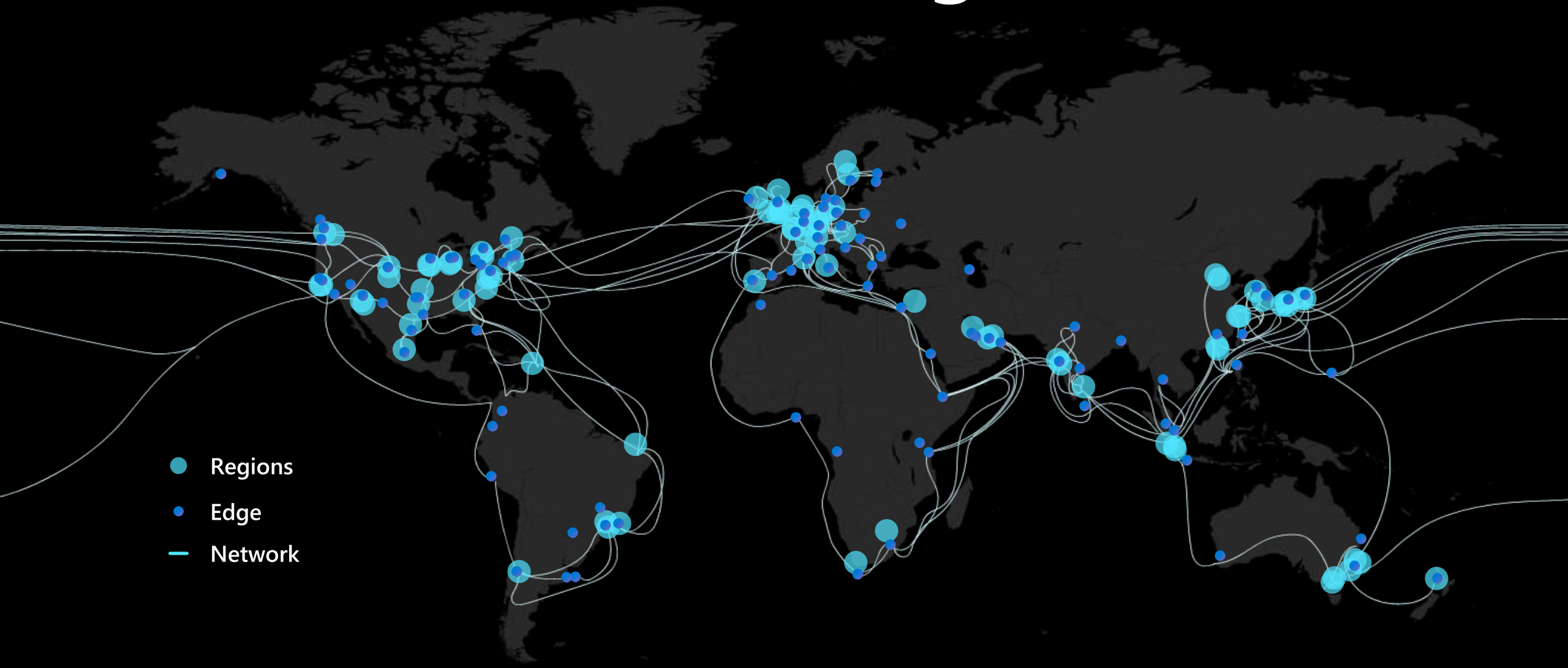
Security

The most trusted and comprehensive cloud

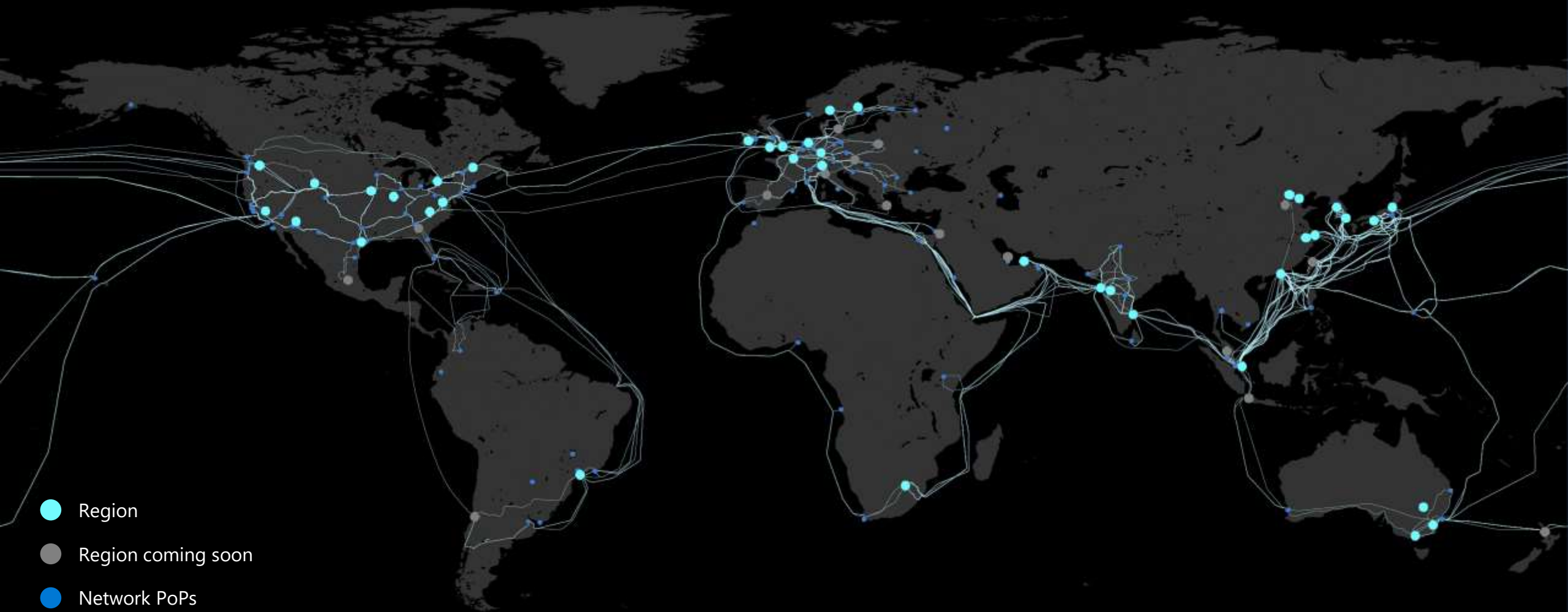


The most trusted and comprehensive cloud

60+ Azure regions



More trusted capability than any provider



60+ regions worldwide

175K+ miles of fiber and subsea cable

190+ network PoPs

100+ compliance offerings

35 countries with data residency

200+ ExpressRoute partners

Azure global infrastructure | https://infrastructuremap.microsoft.com

L'OPERAZIONE

Da Microsoft 1,5 miliardi di dollari per l'Italia Al via data center a Milano

E' il piano di investimenti più ambizioso per la multinazionale americana. Stimati più di 10.000 opportunità di lavoro

di L.Tre.

8 maggio 2020

Cloud Digitale

Microsoft aprirà una regione datacenter a Milano e investe 1,5 miliardi nella ripresa

di **Dario Colombo** 8 Maggio 2020

Share

Achieve your sustainability goals

Evolve to a responsible cloud

- Help advance a low-carbon future
- Build your applications on sustainable cloud infrastructure with a local impact
- Transition to a more carbon-neutral grid with Azure

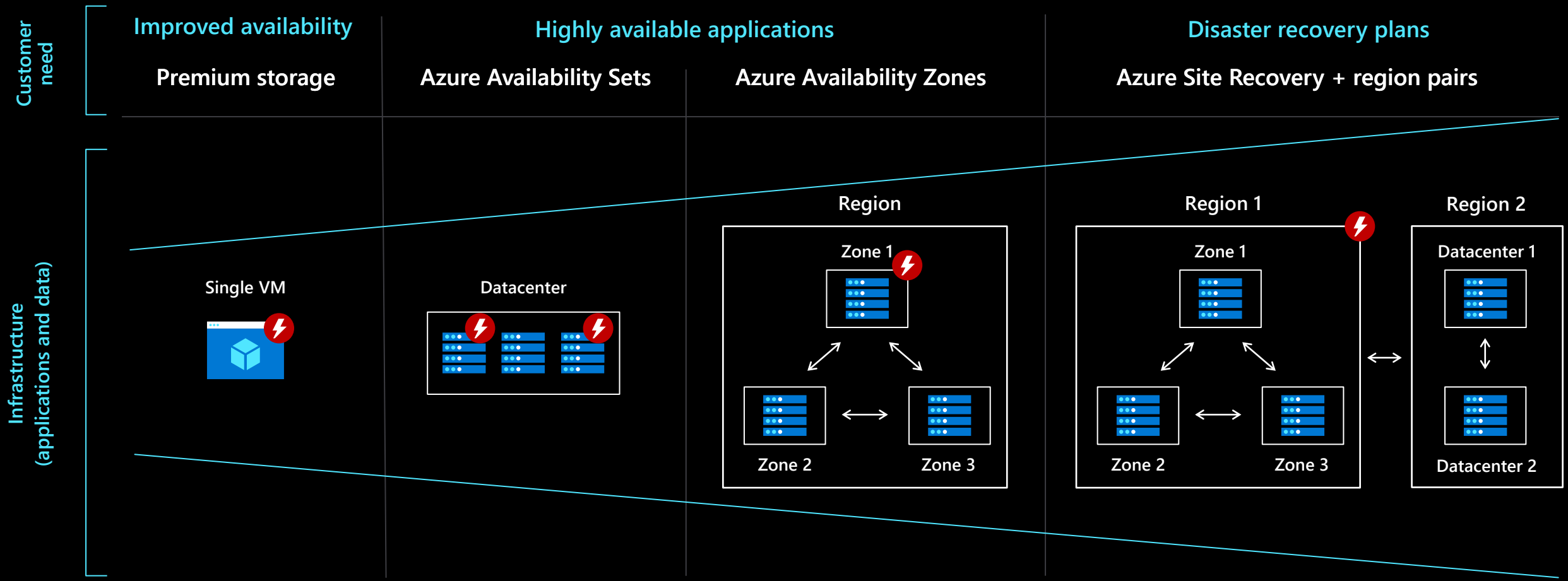
Up to 98% improvement in carbon efficiency over traditional datacenters

Uncompromising commitment to **100%** renewable energy by 2025

Water positive and **zero waste** by 2030

Transparent reporting with Microsoft Sustainability Calculator

Achieve the scale and availability you need



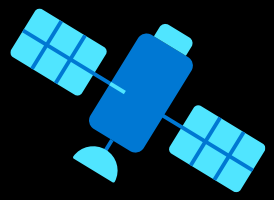
Embrace the Azure of tomorrow

Innovating services for your cloud workloads

Innovating infrastructure

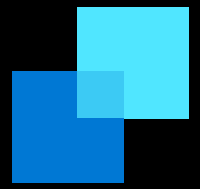
Support future growth with innovations such as:

- Underwater datacenters
- Azure Modular Datacenters
- Liquid immersion cooling projects
- Hydrogen fuel cell technologies



Azure Space

- Innovate where you never could before with cloud capabilities that extend into space
- Push your mission to the ultimate edge, achieving more both on and off the planet



Next-generation hardware

- Deliver innovation at scale with Project Olympus, the next-generation hyperscale cloud hardware design and new model for open-source hardware development
- Accommodate a broad variety of workloads for the cloud of today and tomorrow

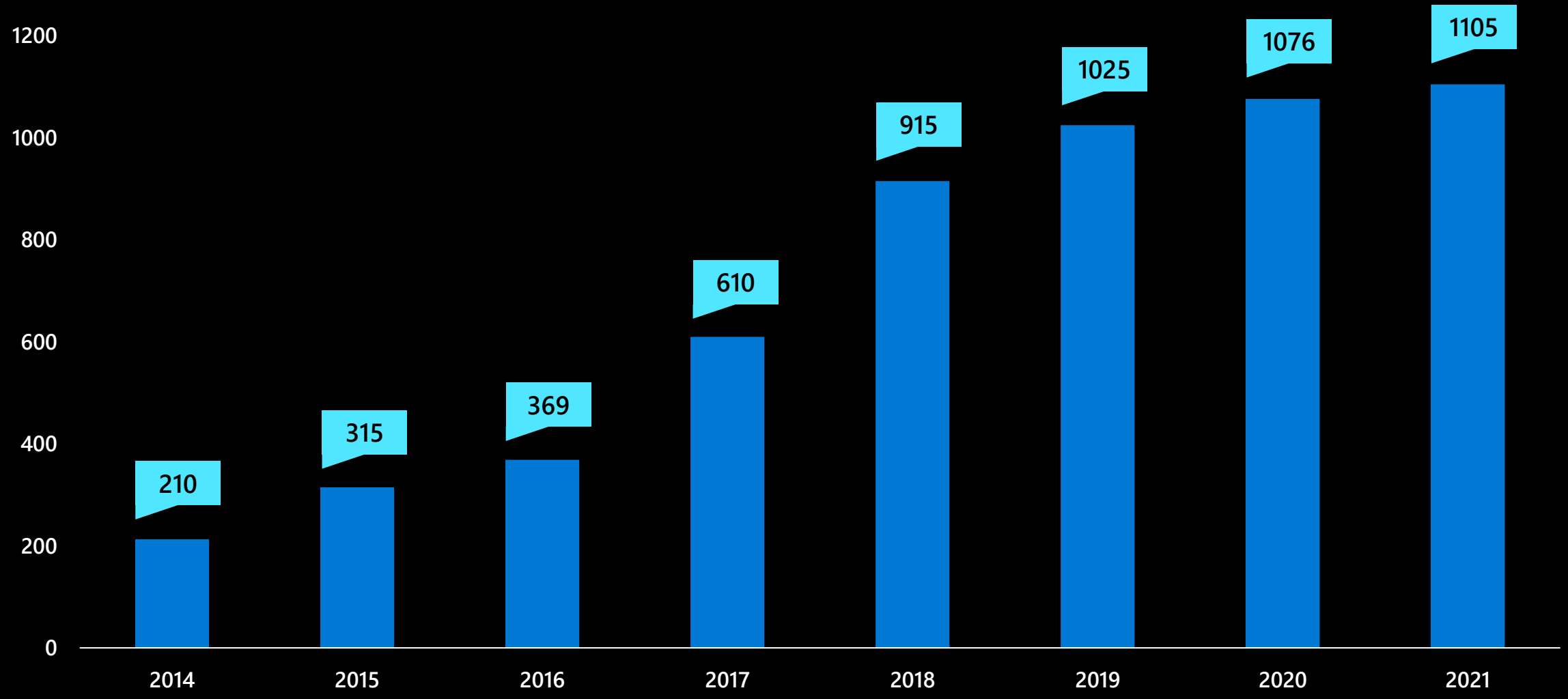
Data for tomorrow

- Project Silica
- Project HSD: Holographic Storage Device for the Cloud
- Palix, DNA Storage

Innovate anywhere with Azure

- Hybrid and multicloud
- End-to-end data platform
- Cloud native development
- Developer velocity

Pace of innovation | capabilities

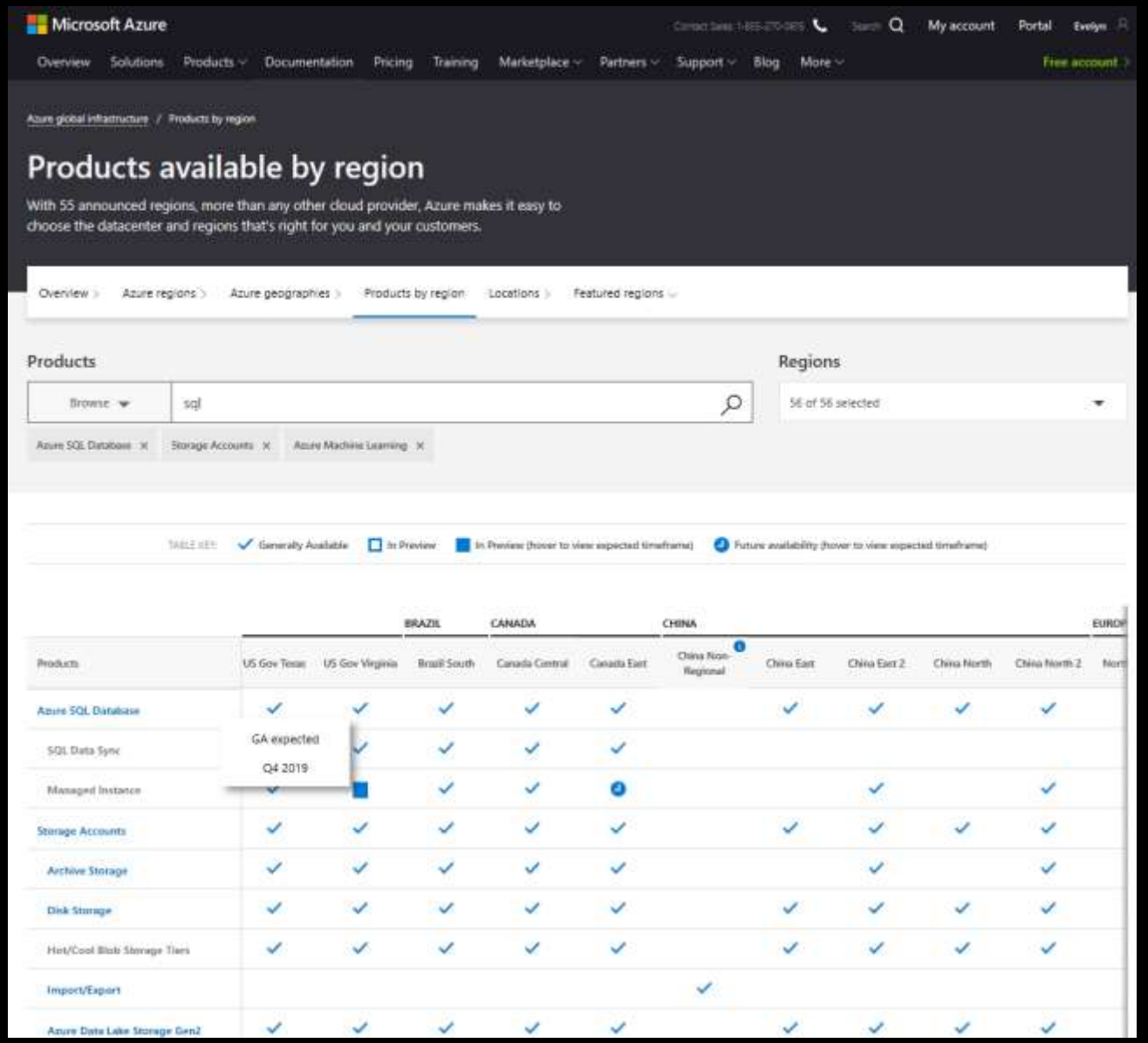


Staying informed of changes in Azure

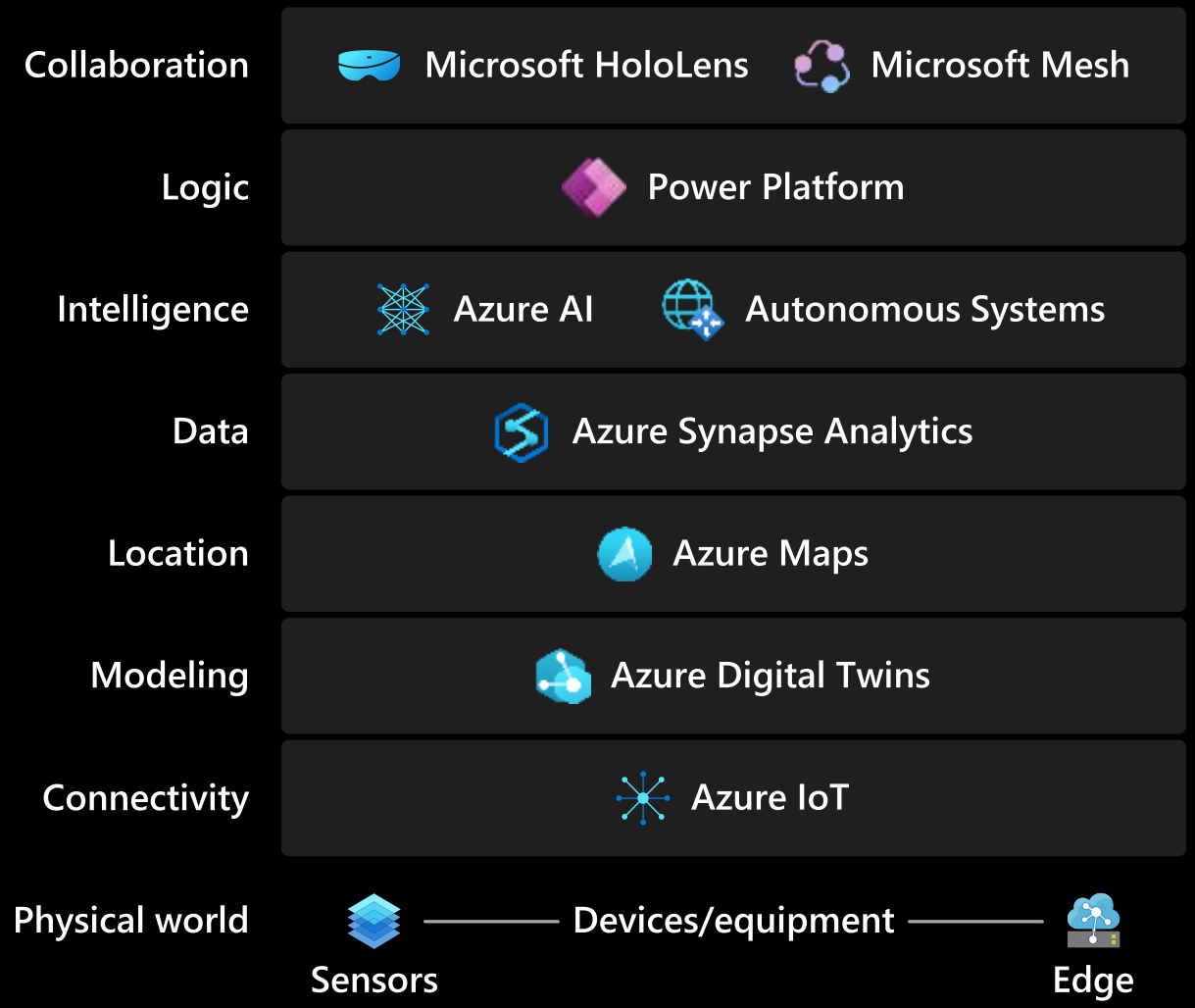
Azure.com/ProductsByRegion

Products available by region shows what features/services are available and their locations.

Source of truth—integrated with engineering roadmap tools to deliver future release timeframes for services in preview or future availability.

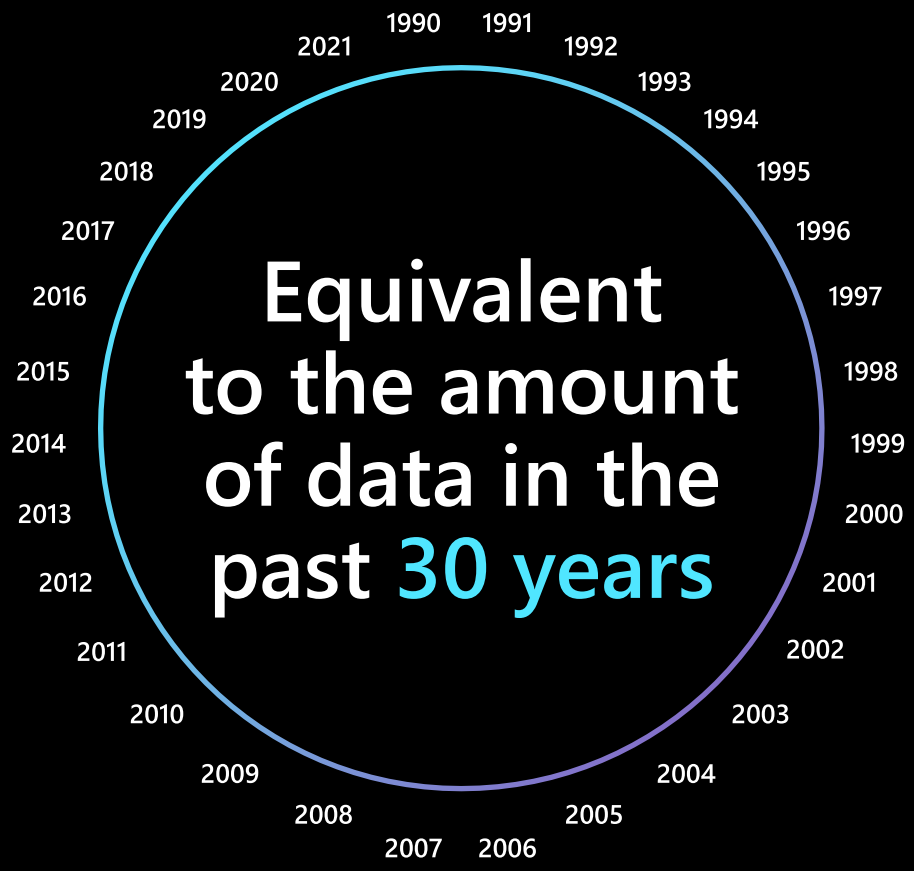


Metaverse solutions



Data & AI

Source: IDC, Worldwide Global DataSphere Forecast
2021-2025, US46410421, March 2021



Source: IDC, Worldwide Global DataSphere Forecast 2021-2025, US46410421, March 2021

Unrivaled end-to-end data platform

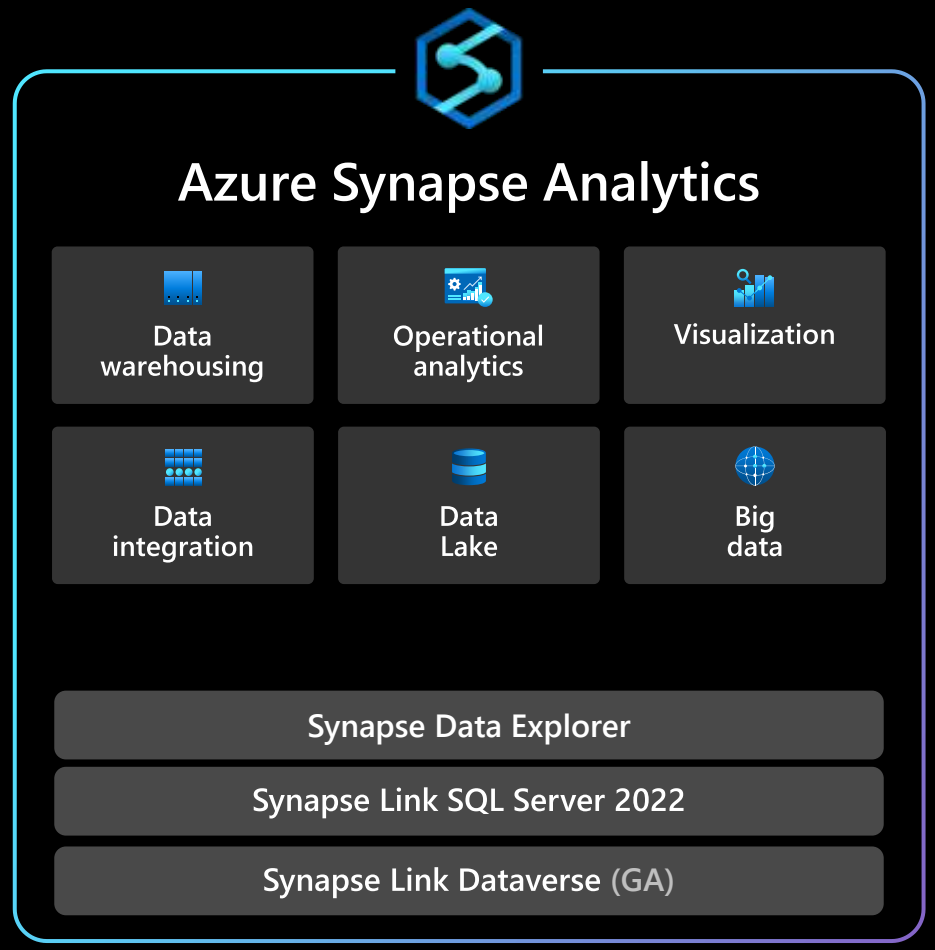
Consistent platform, fully integrated

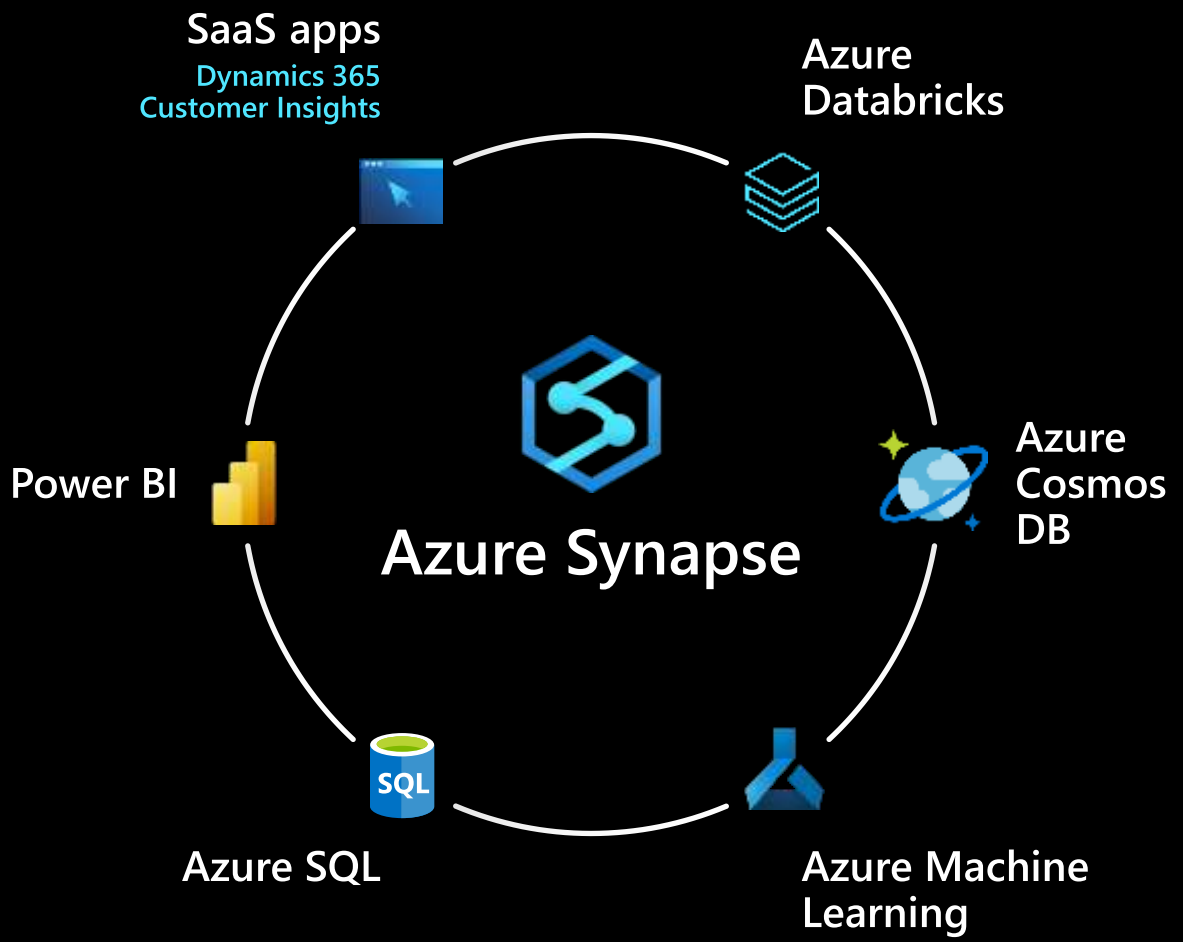
Hybrid data services

Limitless database scale and performance

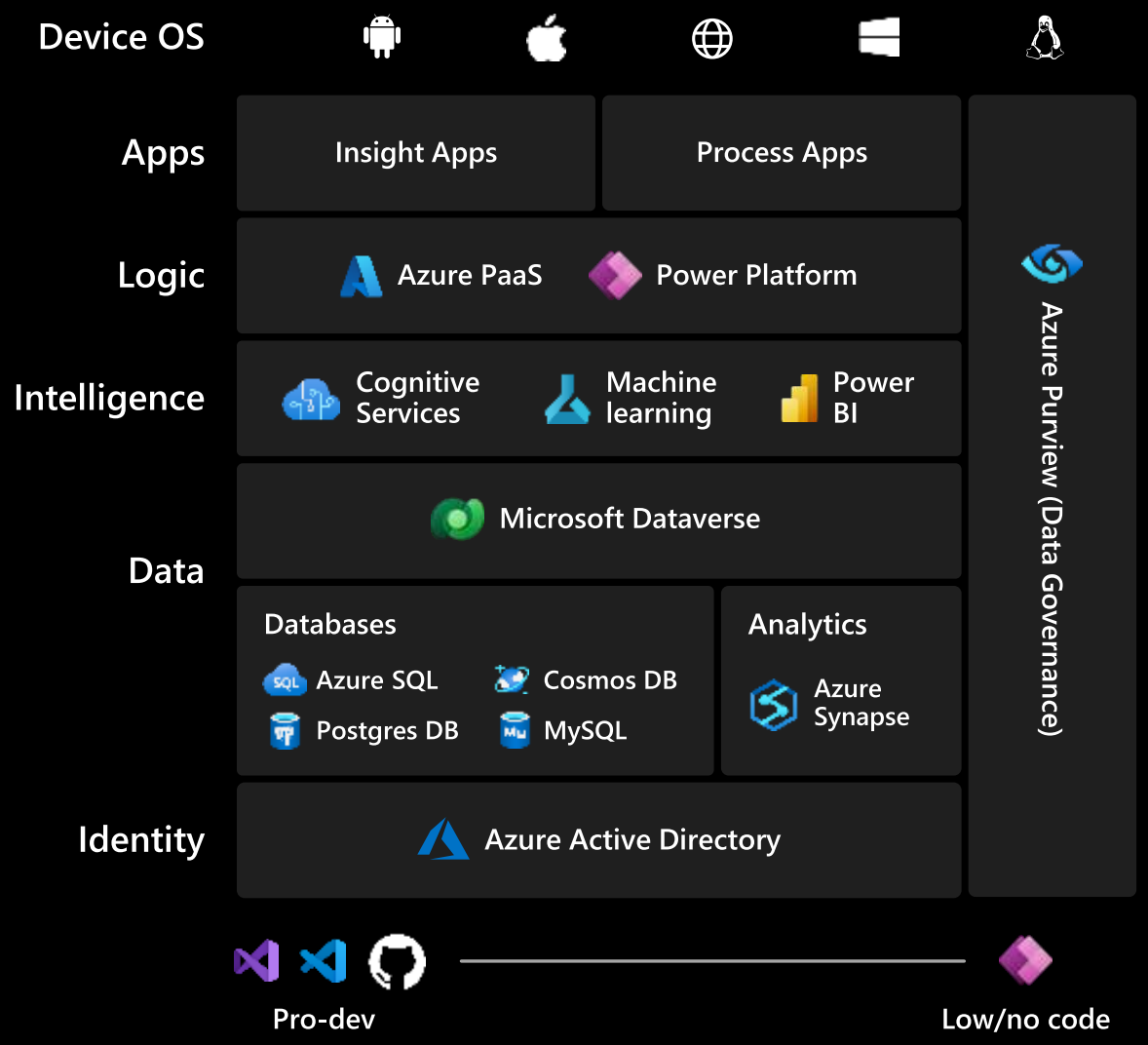
Industry-leading TCO for end-to-end analytics

Data governance on-premises, multicloud, and SaaS


Azure Synapse Analytics
Data warehousing
Operational analytics
Visualization
Data integration
Data Lake
Big data
Synapse Data Explorer
Synapse Link SQL Server 2022
Synapse Link Dataverse (GA)


SaaS apps
Dynamics 365
Customer Insights
Azure
Databricks
Power BI
Azure Synapse
Azure
Cosmos
DB
SQL
Azure SQL
Azure Machine
Learning

Predictive applications



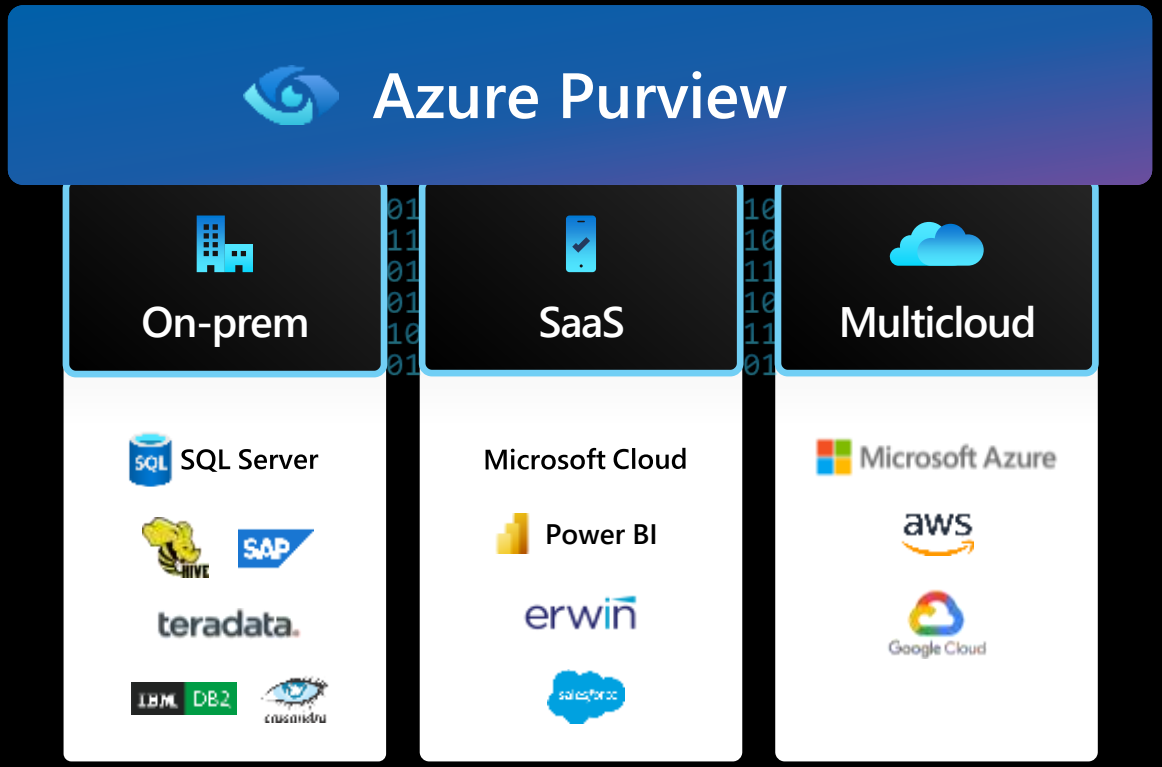
Azure Purview

Data discovery

Enterprise catalog

Compliance assessment

Unified Data Governance



44B

assets scanned, discovered,
and classified

Artificial intelligence

Azure Applied AI Services

Azure Cognitive Services

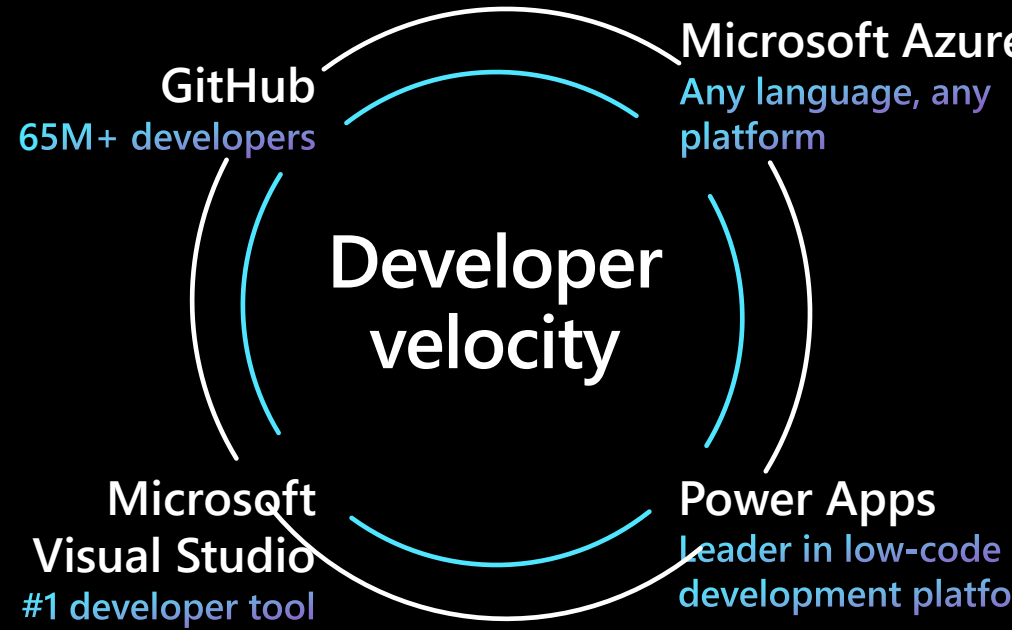
Azure Machine Learning

AI Infrastructure

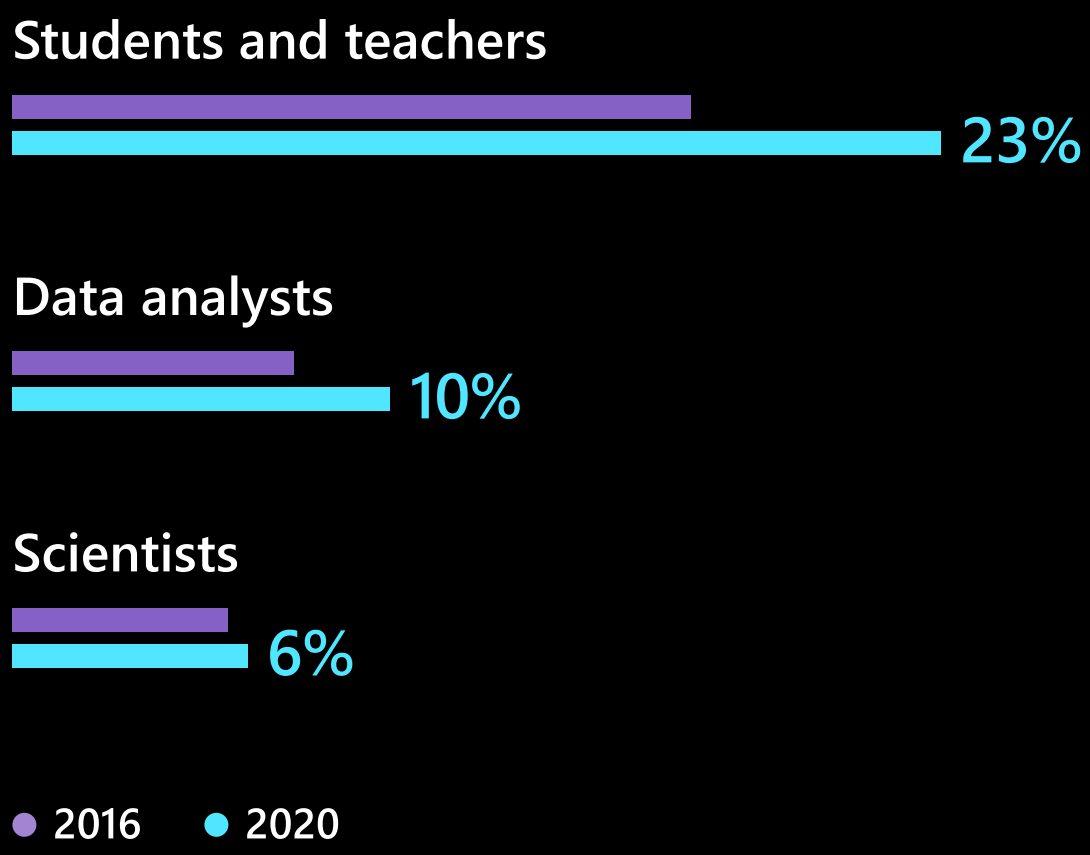
Developer tools

Microsoft Cloud

Focus on apps, not infrastructure



Percentage of developers on GitHub

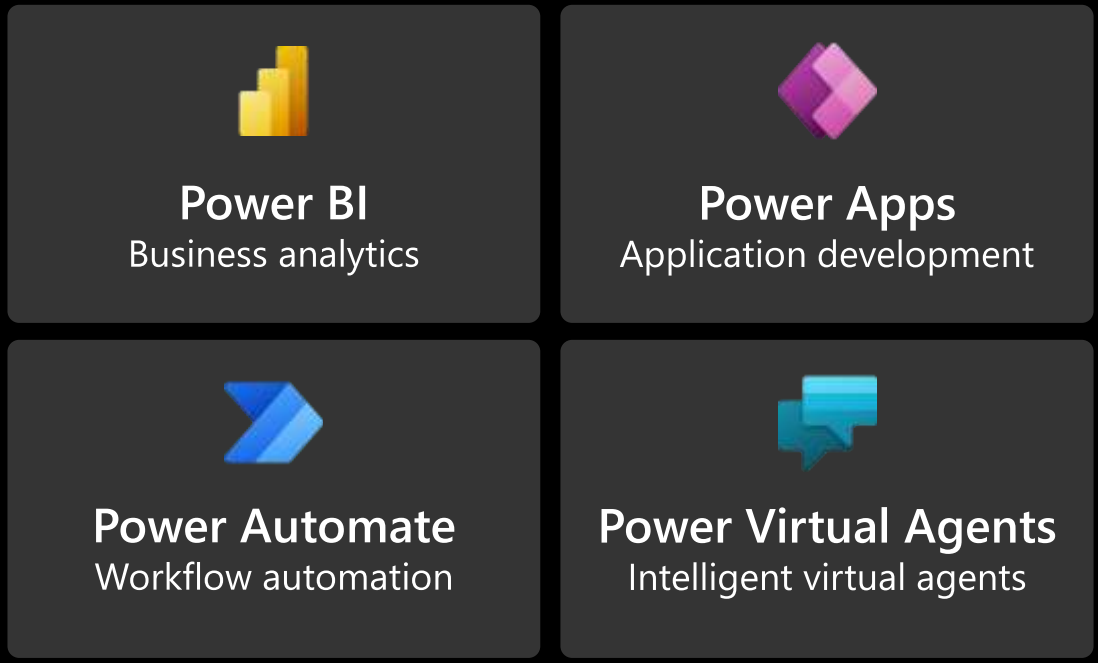


Source: GitHub

Power BI
Power Apps
Microsoft
Power Platform
Power
Automate
Power
Virtual Agents

Microsoft Power Platform

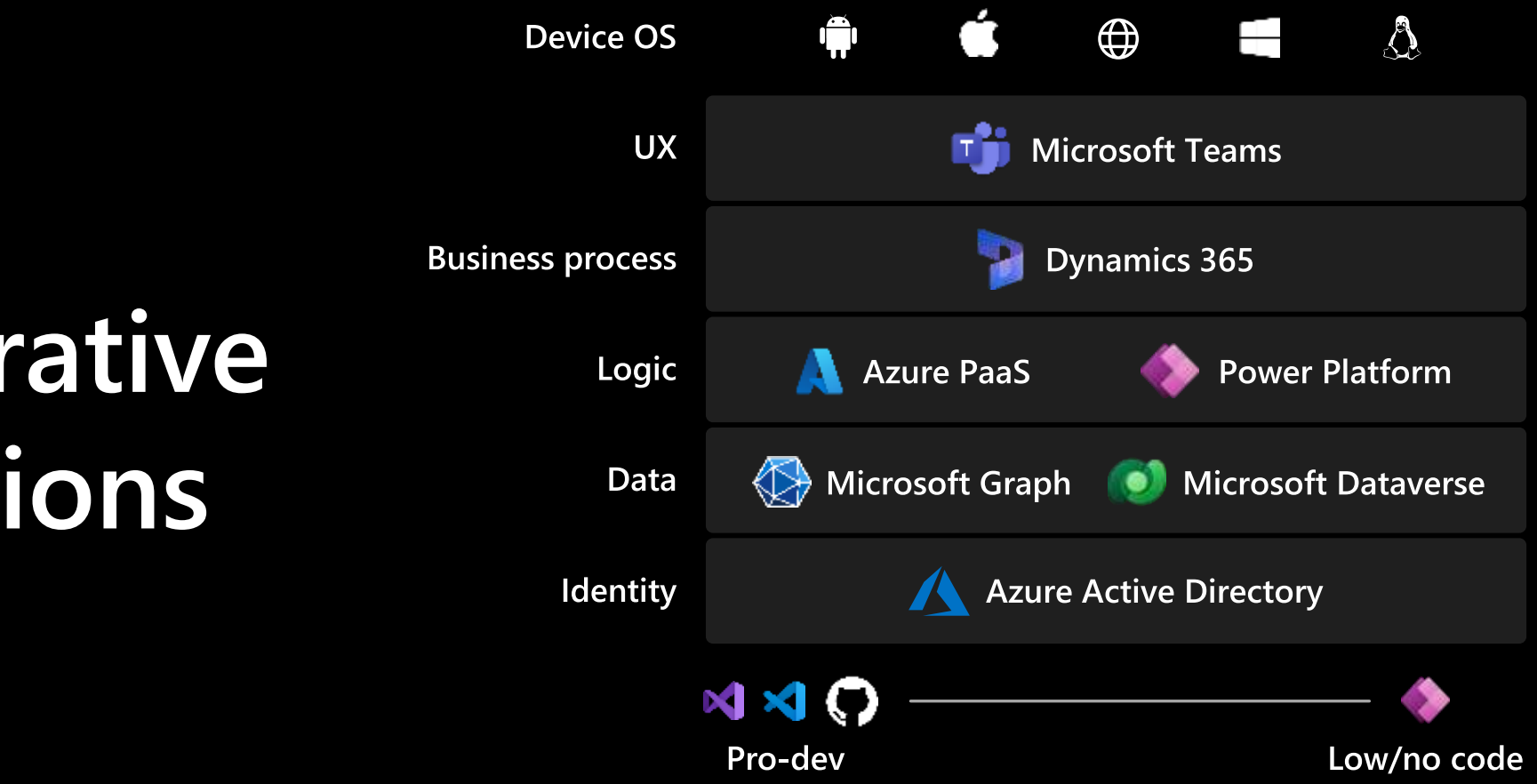
No code, low code, and code first—all are welcome



16M

Power Platform monthly active users

Collaborative applications



Trust and security

667%

increase in phishing attacks

50M

password attacks globally everyday

33%

of all cyberattacks target small businesses

61%

of small businesses could not operate after an attack

30B

email threats intercepted and thwarted in 2020

40+

active nation-state actors currently tracked

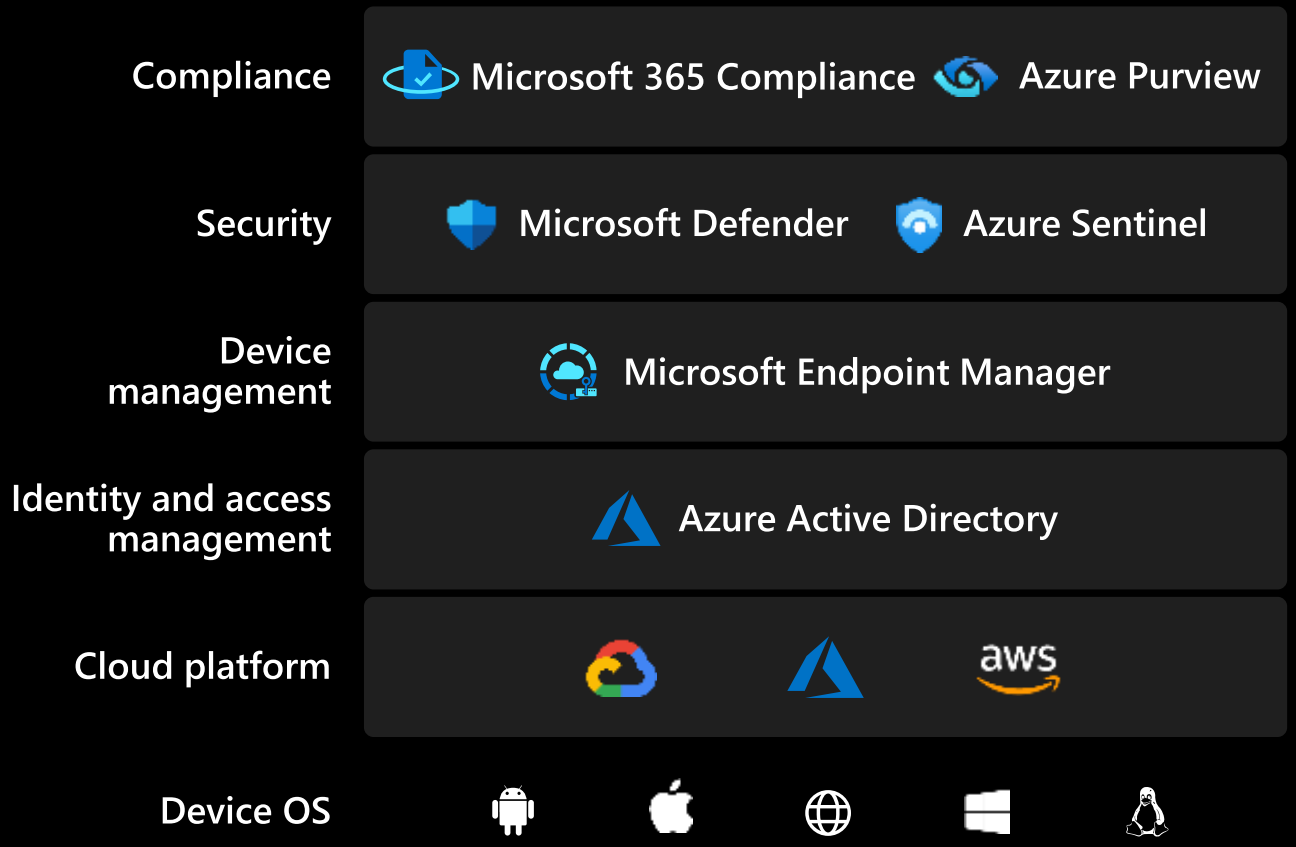
31B

authentication attacks intercepted and thwarted in 2020

140+

threat groups currently tracked

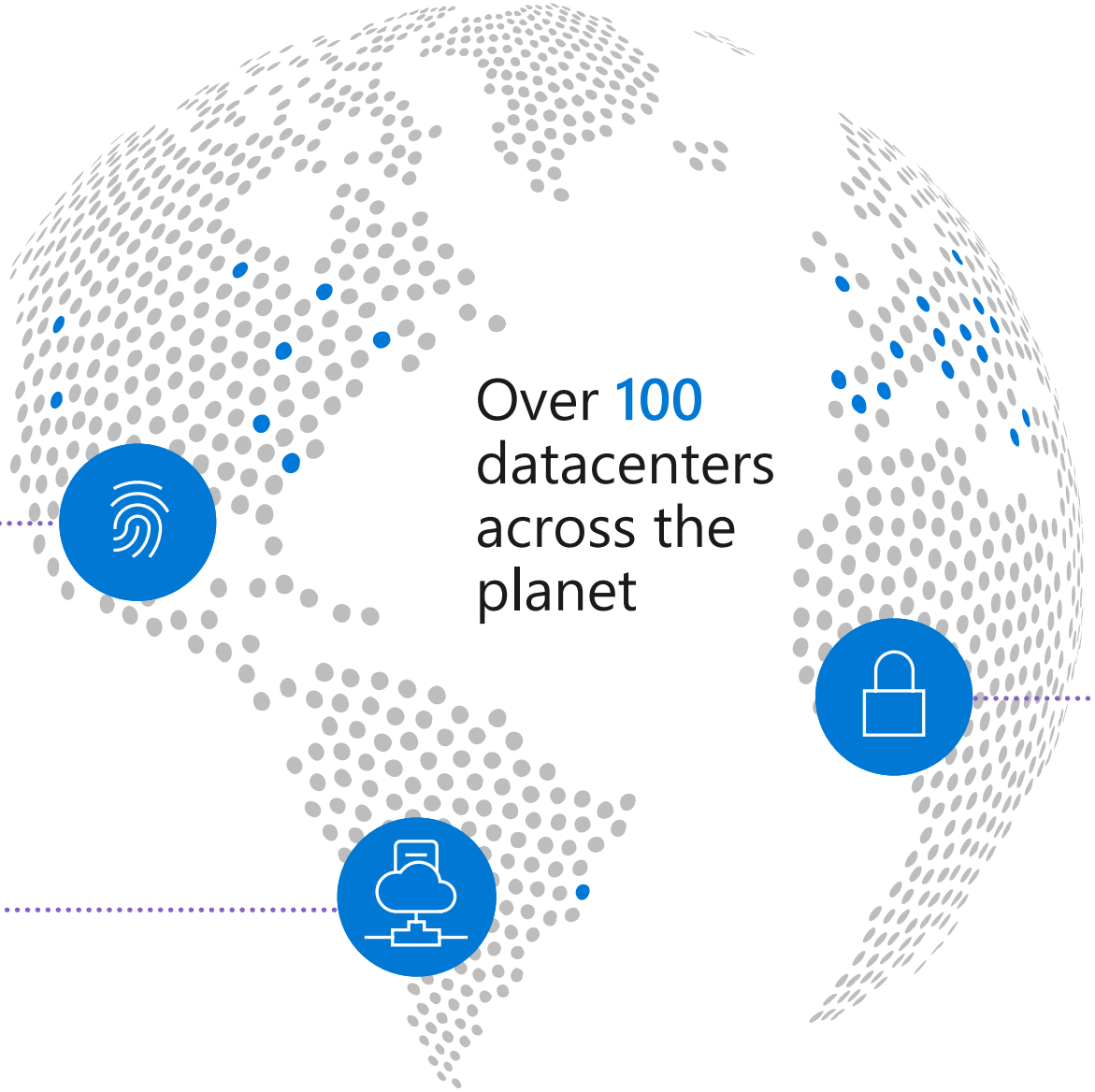
Microsoft Security



A secure foundation at global scale

Each **physical datacenter** protected with world-class, multi-layered protection

Global cloud infrastructure with custom hardware and network protection



Over **100** datacenters across the planet

Secured with cutting-edge **operational security**

- Restricted access
- 24x7 monitoring
- Global security experts

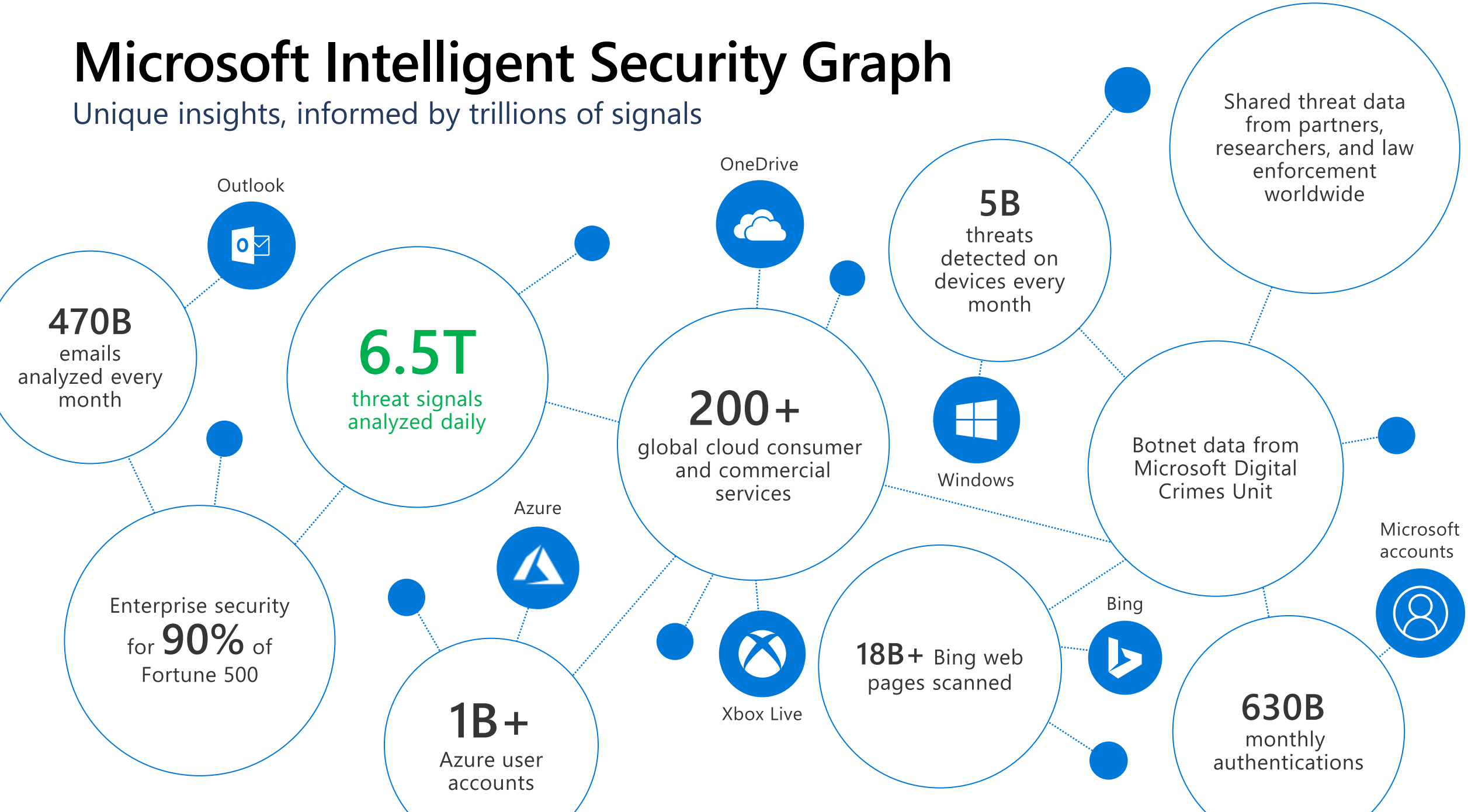
Committed security advocates

Every day,
3,500 Microsoft
security professionals
protect our customers.

$1 billion is invested annually
by Microsoft to advance our efforts on security,
data protection and risk management.

Microsoft Intelligent Security Graph

Unique insights, informed by trillions of signals



DevOps with GitHub and Visual Studio

Code
from anywhere

Microsoft Visual Studio

#1 Most popular developer tool

Collaborate
from anywhere

GitHub

56M+ Developers

Ship
from anywhere

Microsoft Azure

$1B annual cyber security spend

Our DevOps solution drives business impact

Together, Visual Studio + GitHub + Azure

66%

Decrease in time to market[1]

20%

Reduction in application downtime[1]

1. The Total Economic Impact of Microsoft Developer Tools and Cloud Services by Forrester Consulting, July 2021

Empowering the world's 7.2M cloud developers to innovate

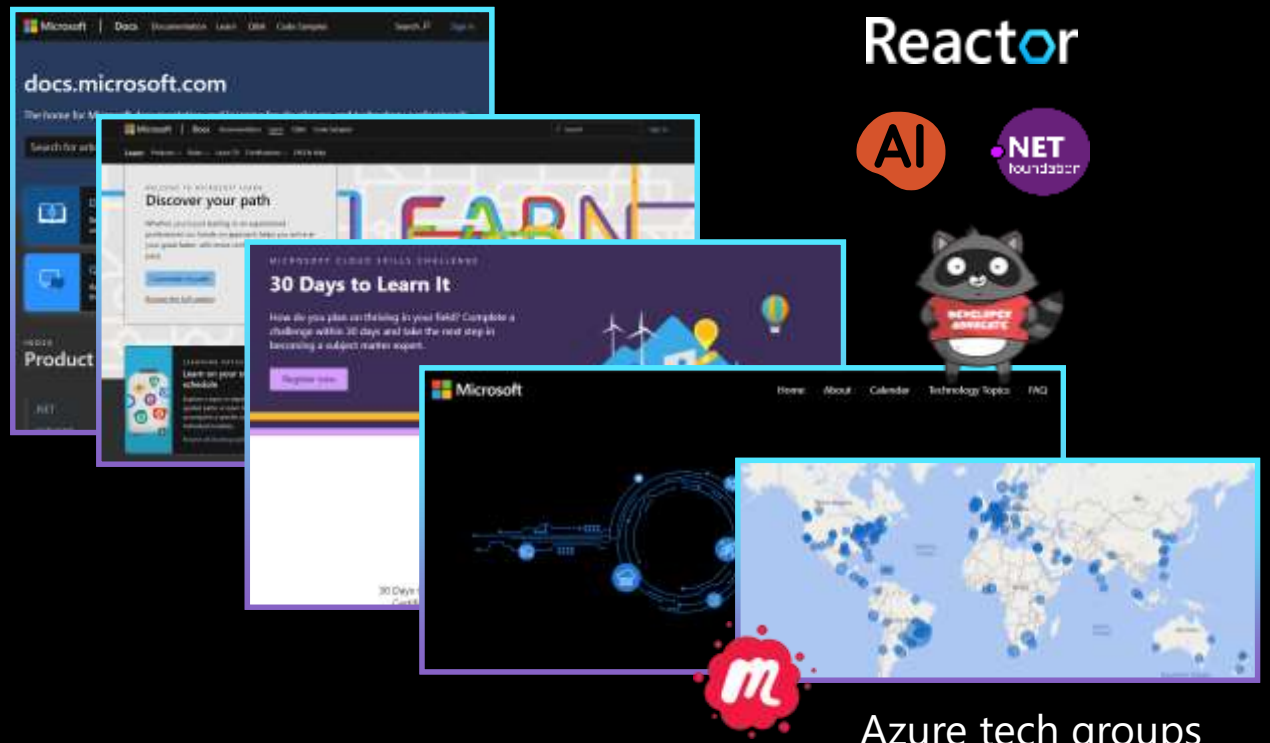
Global developer community support

Online | Reactors | Meetups | .NET Foundation

Docs and learning content by developers for developers

Continuum of skilling options

Skill-based challenges | Events | Certification



Thank you!

Microsoft

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