



Microsoft Azure Overview

Enero 2021



¿Quienes estamos aquí hoy?



Juanjo García
Director Azure



Ana Barbero
TCM Azure

Formulario de contacto comercial

Póngase en contacto con el personal de ventas de Azure

Estamos aquí para responder a sus preguntas y ayudarle a comenzar con Azure

 Llame al personal de ventas 900-812-186

 Chatee con el personal de ventas

De 9:00 a 17:00 (hora central europea), de lunes a viernes

Póngase en contacto con un especialista de ventas

Obtenga asesoramiento personalizado y respuestas a las preguntas que pueda tener, tanto si se está planteando utilizar la nube como si va a comenzar su primer proyecto o migrar a Azure.

Los especialistas de ventas de Azure proporcionan:

- ✓ Ayuda con el diseño de una solución para alcanzar sus objetivos comerciales.
- ✓ Guía para crear una prueba de concepto.
- ✓ Demostraciones individuales para ayudarlo a comenzar en Azure Portal, crear e implementar su primer servicio y configurar alertas de facturación.
- ✓ Ayuda para migrar aplicaciones e infraestructura a la nube y optimizar su entorno.
- ✓ Información sobre precios y optimización de costos.

Para solicitar una entrevista, rellene el formulario. Un especialista de ventas se pondrá en contacto con usted en un plazo de dos días laborables.

Sí, deseo que un especialista de ventas se ponga en contacto conmigo.

Inicie sesión con su cuenta preferida.



- O bien -

Háblenos un poco sobre usted.

Todos los campos marcados con * son obligatorios.

Nombre *

Apellidos *

Nombre de la empresa *

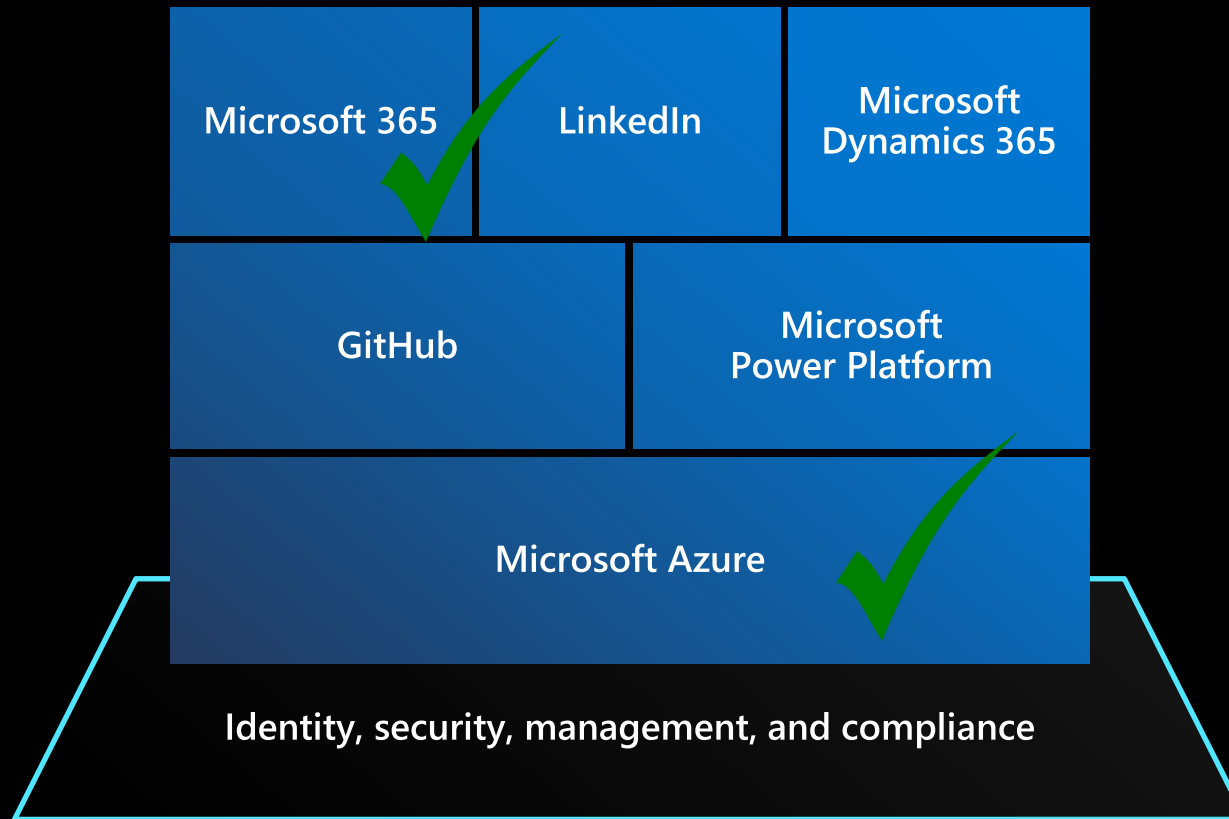


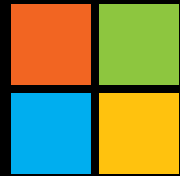
[Datos de contacto del equipo de ventas](#)



<https://azure.microsoft.com/es-es/overview/sales-number/>

Microsoft cloud





Microsoft Azure

Be future
ready

Build on
your terms

Operate hybrid
seamlessly

Trust
your cloud

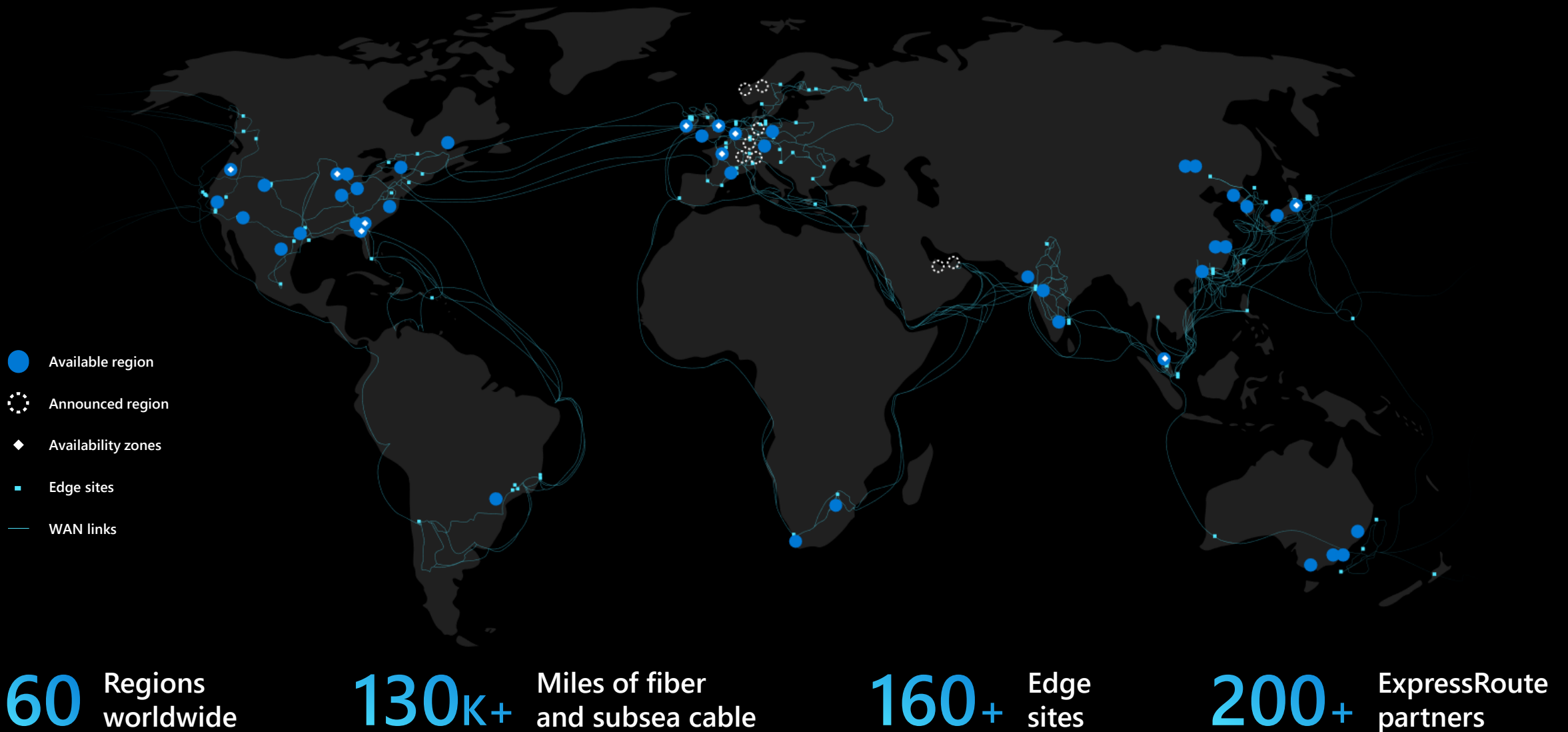
61

Azure regions

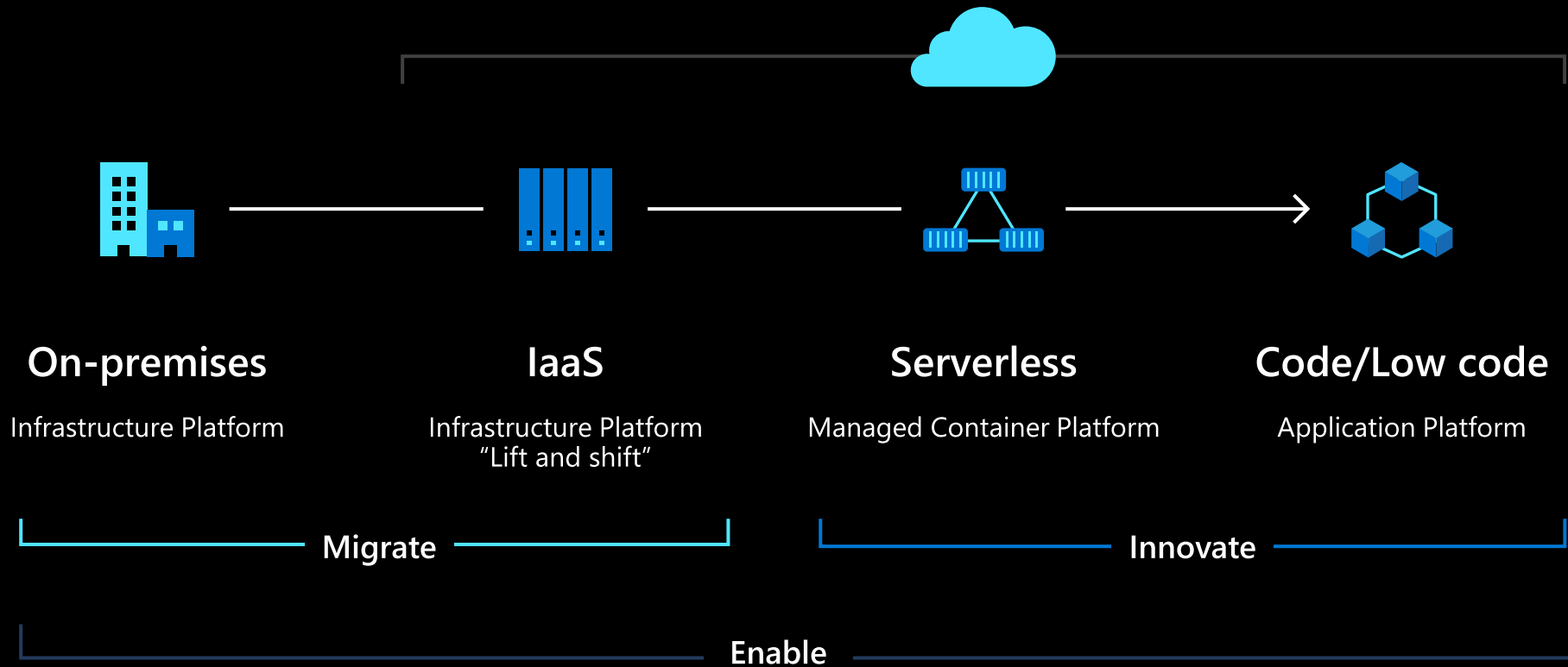
More than AWS & Google combined



More regions than any other cloud provider



Journey to the cloud



What is Azure?



Edge Devices

Azure Stack Hub

Azure Stack Edge

Azure Sphere

Azure Kinect

HoloLens



Serverless

Communication Services

Web

Mobile

Mixed Reality

Containers

Events + Integration

Databases

Analytics

AI + Machine Learning

Internet of Things

Media



Tools

Visual Studio

GitHub

Power Apps

Power BI



Infrastructure

Compute

Networking

Storage

Security

Identity

Infrastructure for every workload

VIRTUAL MACHINES



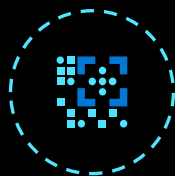
ENTRY LEVEL



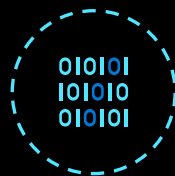
BURSTABLE



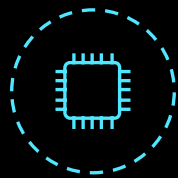
GENERAL PURPOSE



CONFIDENTIAL
COMPUTING



COMPUTE INTENSIVE



MEMORY OPTIMIZED



GPU ACCELERATED



HIGH PERFORMANCE
COMPUTING



STORAGE OPTIMIZED



QUANTUM



Standard HDD



Standard SSD



Premium SSD



Ultra Disk

GENERAL PURPOSE



PURPOSE - BUILD



Azure is SAP's preferred cloud

Largest SAP HANA workloads of any public cloud

Up to 12 TB SAP HANA certified VMs

Scale out to 60TB RAM with TDI and up to 120TB with TDIv5

Largest compliance portfolio with 90+ compliance offerings

Joint co-innovation across infrastructure, IoT, AI, SAP Cloud Platform and SAP SaaS



Microsoft



Embrace collaboration includes

Simplified move from on-premise SAP ERP to SAP S/4HANA on Azure

Collaborative support model for simplified resolution

Jointly developed market journeys to support customer needs

Quickly deploy virtual desktops and apps

Windows Virtual Desktop

Deliver the only multi-session
Windows 10 experience

Enable optimizations for
Office 365 ProPlus

Migrate Windows Server (RDS)
desktops and apps

Deploy and scale in minutes

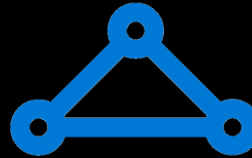


Connect distributed workloads and locations



Enable remote user
access at scale

Azure VPN Gateway



Connect on-premises
network to cloud privately

Azure ExpressRoute



Manage large scale connectivity
with single interface

Azure Virtual WAN

← Seamlessly connect on-premises, multi-cloud, edge, and global users →

Data + Analytics



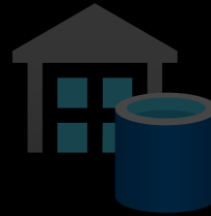
Relational

SQL Database
PostgreSQL
MySQL

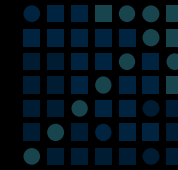


Non-relational

Cosmos DB
Mongo DB

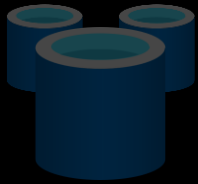


Data Warehouse



Big Data

Data + Analytics



Relational



Non-relational



Data Warehouse + Big Data

Azure operational database services



Azure SQL
Database



Azure Database
for PostgreSQL



Azure Database
for MySQL



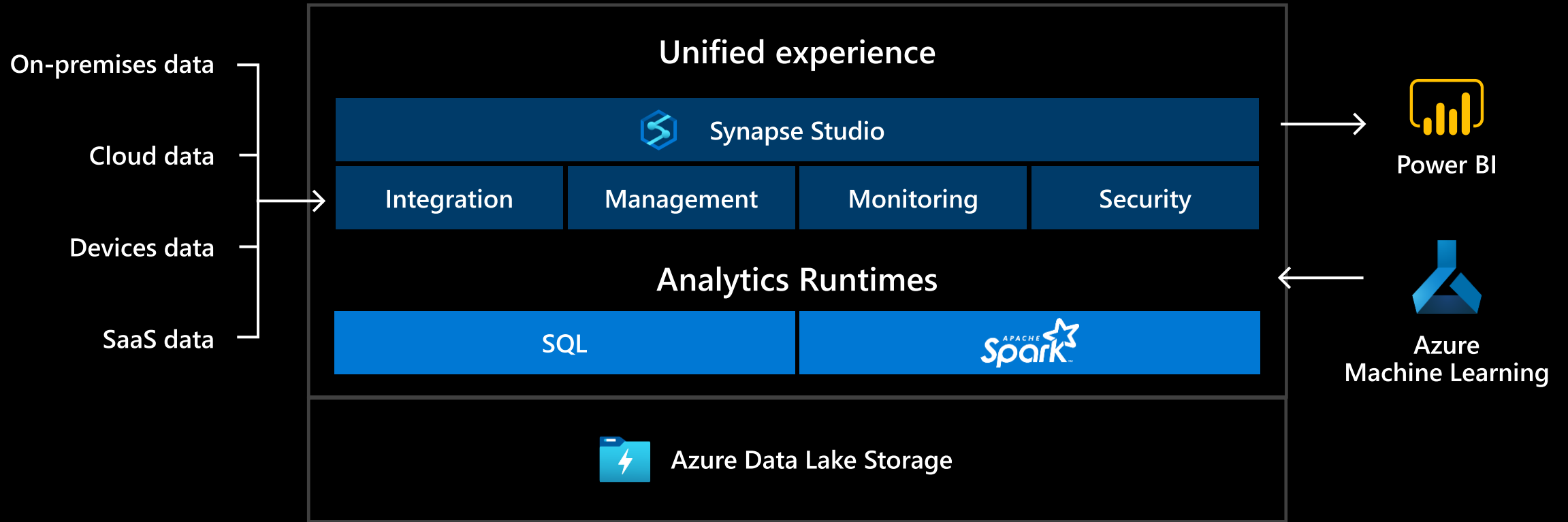
Azure Database
for MariaDB



Azure
Cosmos DB

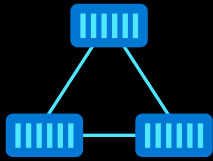
Azure Synapse Analytics

Limitless data warehouse with unmatched time to insights



Efficient application development

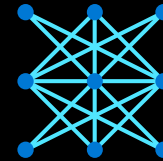
Characteristics of modern applications



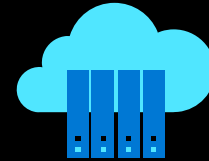
Containers



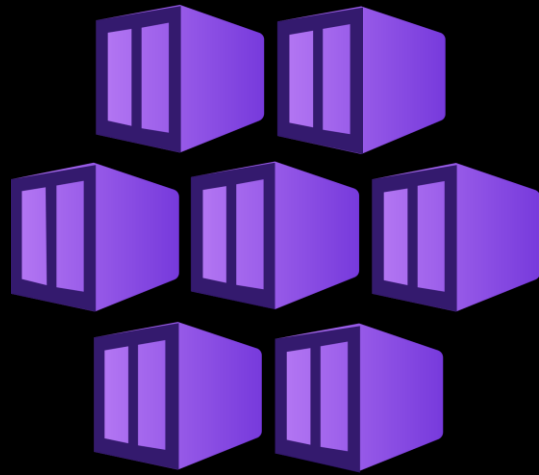
Managed
Databases



Artificial
Intelligence



Serverless



Azure Kubernetes Service (AKS)

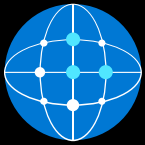
Fully managed Kubernetes orchestration service

Auto-patching, auto-scaling, auto-updates

Use the full Kubernetes ecosystem

Azure Serverless

Focus on apps, not infrastructure



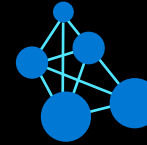
Web



Mobile



Mixed Reality



Internet
of Things



Media

Azure Artificial Intelligence



Pre-built AI models

Azure Cognitive Services



Custom AI models

Azure Machine Learning



Vision



Speech



Web Search



Language



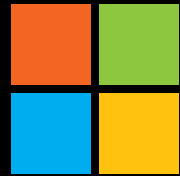
Anomaly Detection

Azure Cognitive Services

REST APIs with .NET, Java, Python & Node SDKs

Customize easily and tailor to your needs

Deploy and run anywhere using containers



Microsoft Azure

Be future
ready

**Build on
your terms**

Operate hybrid
seamlessly

Trust
your cloud

Collaborate
globally & securely



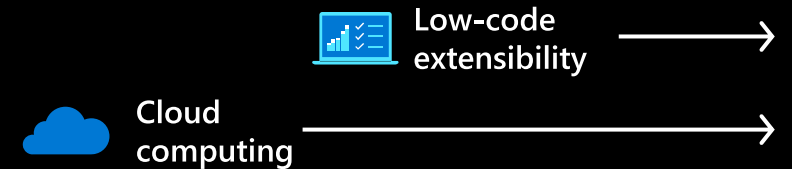
Developer
velocity

Build
productively

Scale
innovation

Evolution of software development

Scale innovation

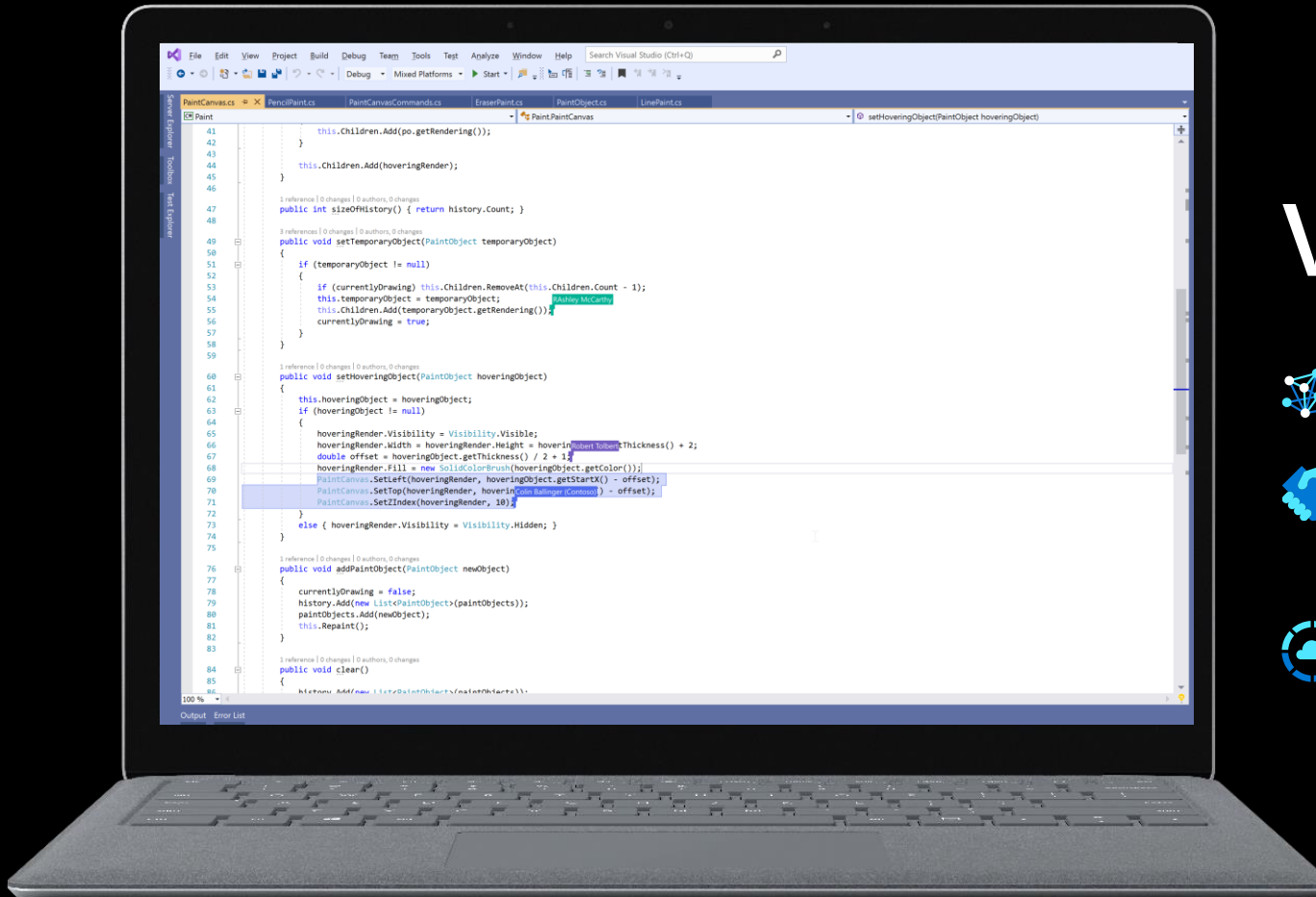


Collaborate globally & securely



Build productively





Visual Studio



AI-assisted development with IntelliCode



Collaborate with Live Share
and GitHub integration



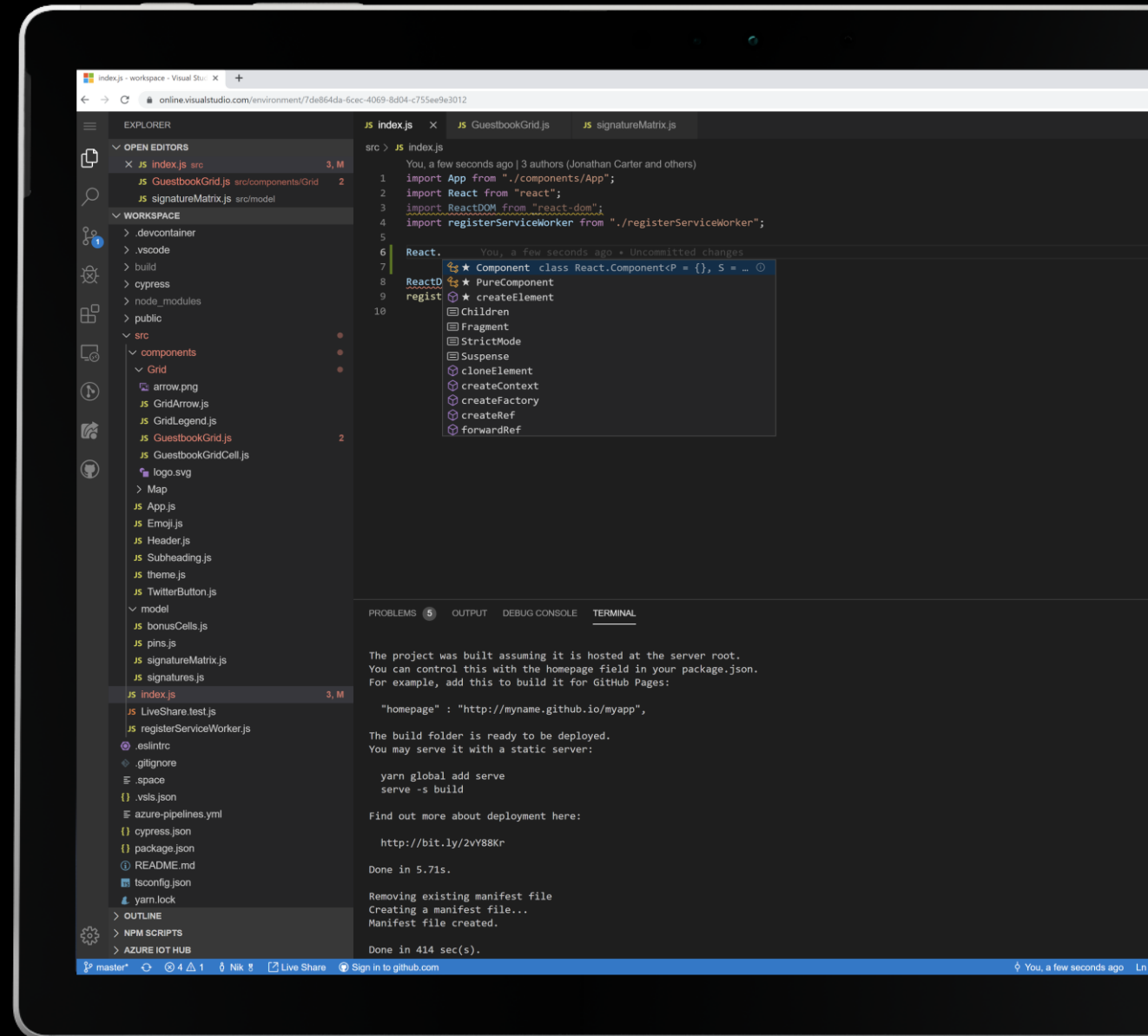
Cloud-hosted, managed development
environments with Visual Studio Online

Visual Studio Online

On-demand development
environments in the cloud

Use Visual Studio Code
or a browser-based editor

Full extension marketplace,
with IntelliCode and Live Share built-in





GitHub

The largest developer community
on the planet

GitHub



Collaboration

Attract and retain the best talent with tools developers know and love



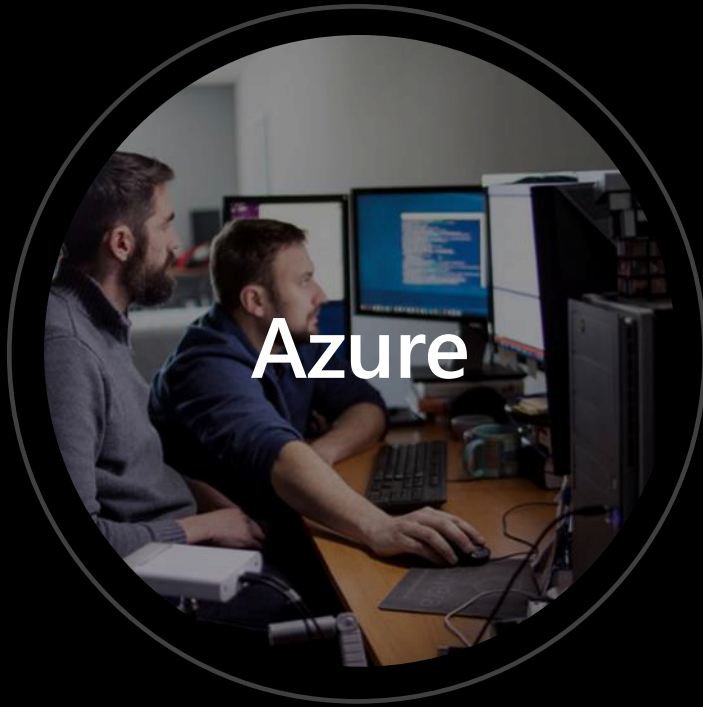
Security

Securely integrate open source code in your software



DevOps

Automate workflows from code to any cloud



**#1 Developers' Choice
of PaaS Products**



**Leader in Low-Code
Development Platforms**

¹ SlashData: *SlashData's Developers' Choice Awards 2018*

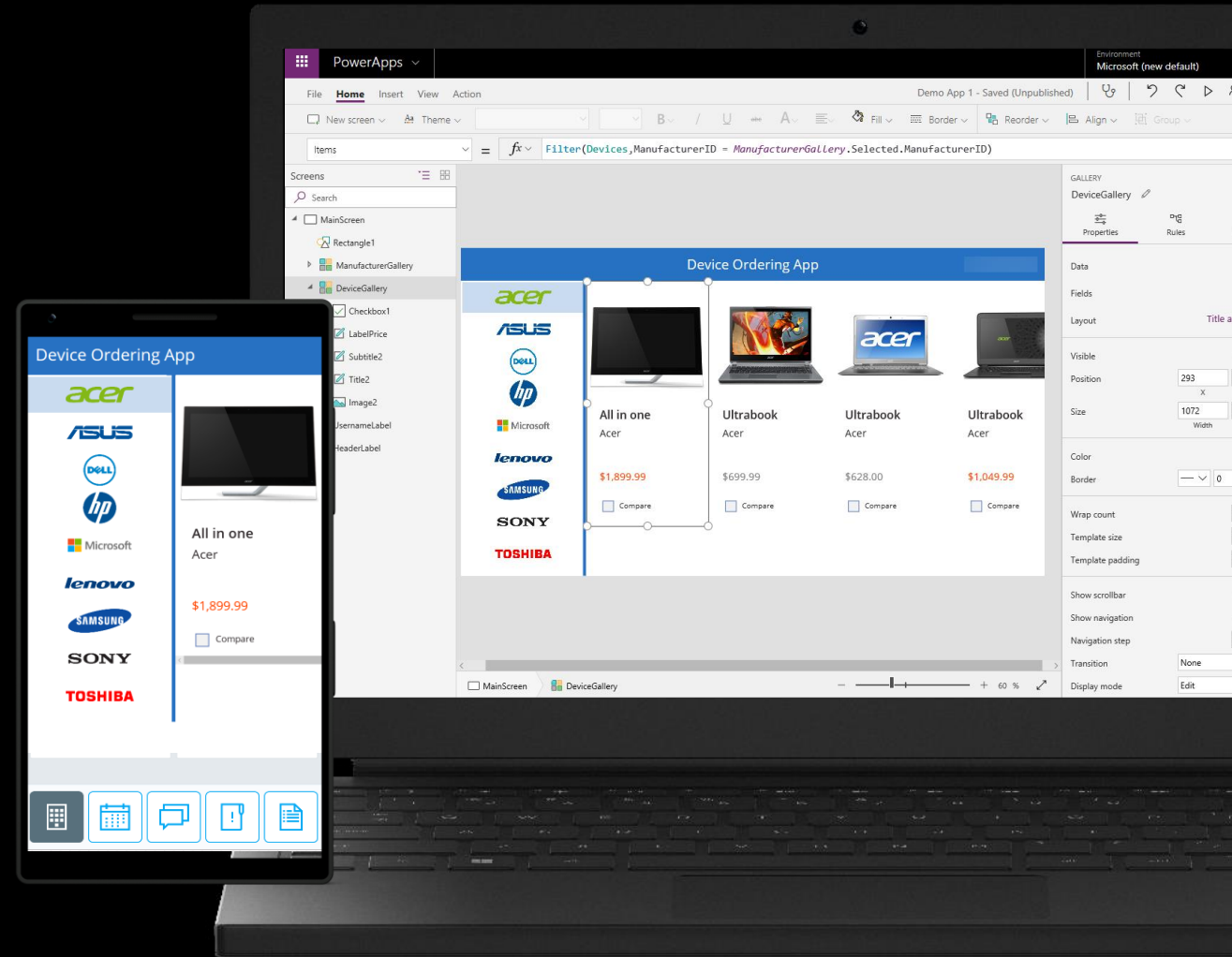
² Forrester: *Forrester Wave for Low-Code Development Platforms, 2019*

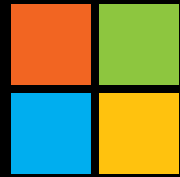
Power Apps

Low code AI solutions

250+ pre-built and custom connectors

Pro-Dev extensibility and governance





Microsoft Azure

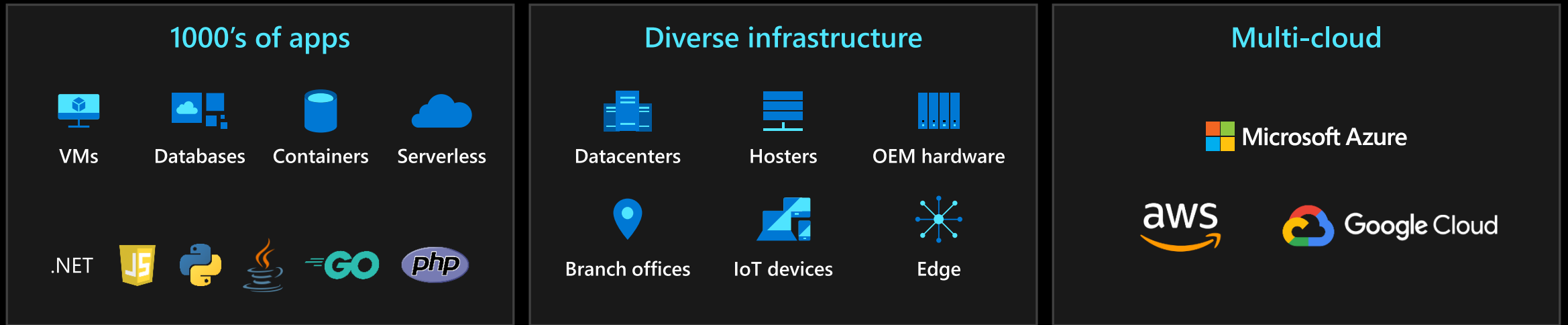
Be future
ready

Build on
your terms

Operate hybrid
seamlessly

Trust
your cloud

Customer environments are increasingly complex



How to best enable innovation and developer agility?

How to govern and operate disparate environments at scale?

How to ensure integrated security across the entire organization?

Azure Hybrid

Innovation anywhere with Azure



|----- Single control plane with Azure Arc -----|



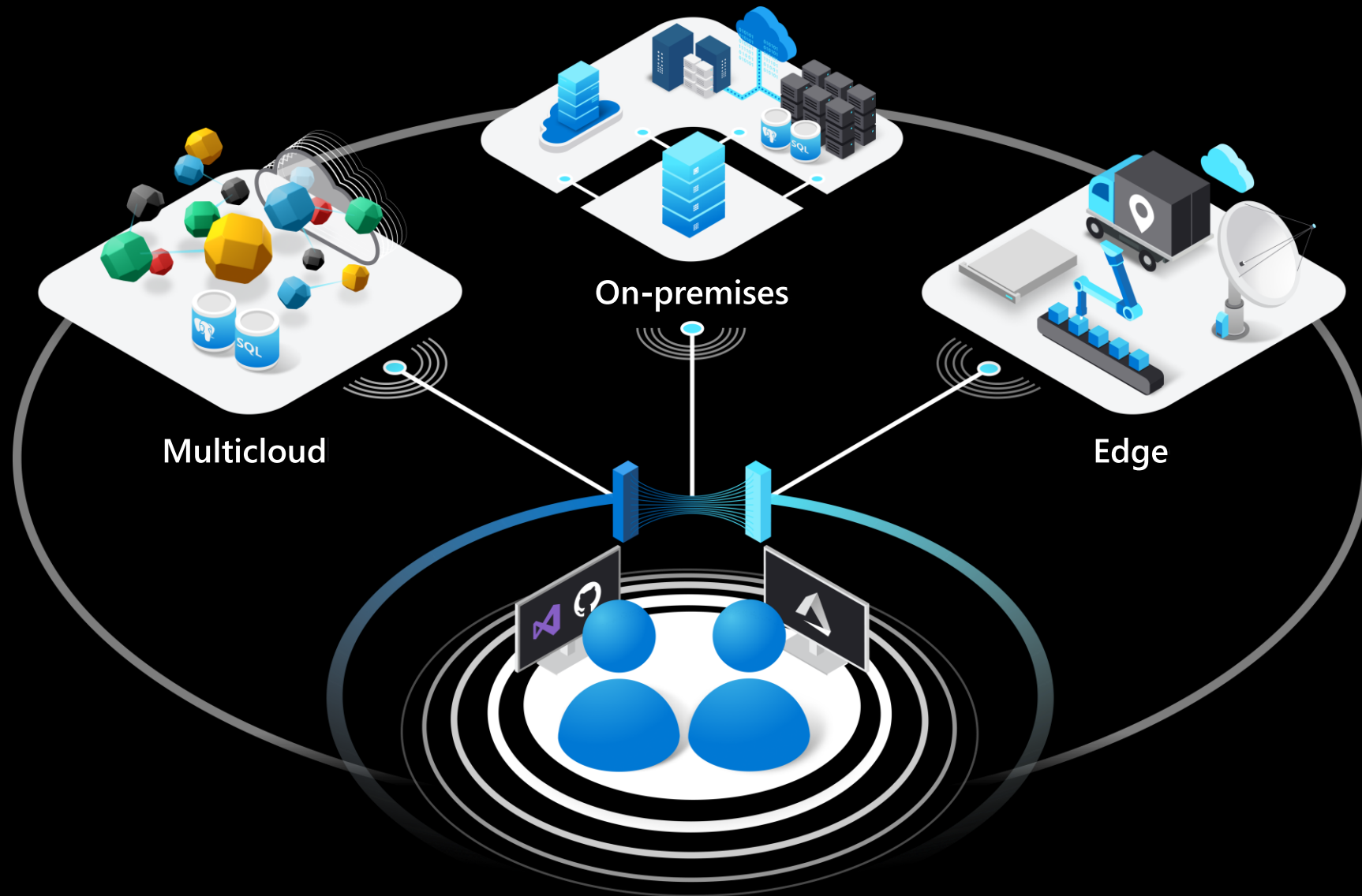
Bring Azure services
to any infrastructure



Modernize datacenters
with Azure Stack



Extend to the edge
with Azure IoT



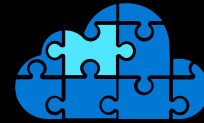
Azure Arc



Run Azure data
services anywhere



Extend Azure management
across your environments



Adopt cloud
practices on-premises



Implement Azure
security anywhere

Azure Stack Portfolio

Consistently build and run hybrid apps across on-premises, cloud, and edge



Azure Stack Edge

Cloud-managed appliance

Machine learning at the edge
Edge compute and IoT solutions
Network data transfer to cloud



Azure Stack HCI

Hyperconverged solution

Scalable virtualization and storage
Remote branch office
High-performance workloads



Azure Stack Hub

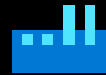
Cloud-native integrated system

Disconnected scenarios
Data sovereignty
Application modernization

Azure IoT

Broadest portfolio

Industry solution accelerators



Fully managed services



Azure IoT Central



Azure Security Center for IoT



Dynamics Connected Field Service

Developer services

Azure IoT Hub

Azure IoT Edge

Azure Digital Twins

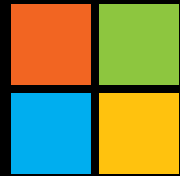
Azure Maps

Azure Time Series Insights

Azure Stream Analytics

Microsoft Azure

Infrastructure | Data | AI | App Dev



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Global



66 Azure regions

Largest geographical footprint of any cloud provider with more than **66** Azure regions

Secure



Microsoft Cyber Defense Operations Center

>3,500 full-time security professionals

6.5 trillion global signals daily

\$1 billion annual cybersecurity investment

Compliant

91 Compliance offerings

GLOBAL

- ISO 27001:2013
- ISO 27017:2015
- ISO 27018:2014
- ISO 22301:2012
- ISO 9001:2015
- ISO 20000-1:2011
- SOC 1 Type 2
- SOC 2 Type 2
- SOC 3
- CIS Benchmark
- CSA STAR Certification
- CSA STAR Attestation
- CSA STAR Self-Assessment
- WCAG 2.0 (ISO 40500:2012)

U.S. GOVT

- FedRAMP High
- FedRAMP Moderate
- EAR
- ITAR
- DoD DISA SRG Level 5
- DoD DISA SRG Level 4
- DoD DISA SRG Level 2
- DFARS
- DoE 10 CFR Part 810
- NIST SP 800-171
- NIST CSF
- Section 508 VPATs
- FIPS 140-2
- CJIS
- IRS 1075
- CNSSI 1253

INDUSTRY

- PCI DSS Level 1
- GLBA (US)
- FFIEC (US)
- Shared Assessments (US)
- SEC 17a-4 (US)
- CFTC 1.31 (US)
- FINRA 4511 (US)
- SOX (US)
- 23 NYCRR 500 (US)
- OSFI (Canada)
- FCA + PRA (UK)
- APRA (Australia)
- FINMA (Switzerland)
- FSA (Denmark)
- RBI + IRDAI (India)
- MAS + ABS (Singapore)
- NBB + FSMA (Belgium)
- AFM + DNB (Netherlands)
- AMF + ACPR (France)
- KNF (Poland)
- European Banking Authority (EBA)
- FISC (Japan)
- HIPAA BAA (US)
- HITRUST Certification
- GxP (FDA 21 CFR Part 11)
- MARS-E (US)
- NHS IG Toolkit (UK)
- NEN 7510:2011 (Netherlands)
- FERPA (US)
- CDSA
- MPAA (US)
- FACT (UK)
- DPP (UK)

REGIONAL

- Argentina PDPA
- Australia IRAP Unclassified
- Australia IRAP PROTECTED
- Canada Privacy Laws
- China GB 18030:2005
- China DJCP (MLPS) Level 3
- China TRUCS / CCCPPF
- EU EN 301 549
- EU ENISA IAF
- EU Model Clauses
- EU – US Privacy Shield
- GDPR
- Germany CS
- Germany IT-Grundschutz workbook
- India MeitY
- Japan CS Mark Gold
- Japan My Number Act
- Netherlands BIR 2012
- New Zealand Gov CIO Framework
- Singapore MTCS Level 3
- Spain ENS High
- Spain DPA
- UK Cyber Essentials Plus
- UK G-Cloud
- UK PASF

The broadest compliance coverage in the industry

Global



- | | | | |
|--|--|---|---|
| ☒ ISO 27001:2013 | ☒ ISO 22301:2012 | ☒ SOC 1 Type 2 | ☒ CSA STAR Certification |
| ☒ ISO 27017:2015 | ☒ ISO 9001:2015 | ☒ SOC 2 Type 2 | ☒ CSA STAR Attestation |
| ☒ ISO 27018:2014 | ☒ ISO 20000-1:2011 | ☒ SOC 3 | ☒ CSA STAR Self-Assessment |
| | | ☒ CIS Benchmark | ☒ WCAG 2.0 (ISO 40500:2012) |

US Government



- | | | | |
|--|--|---|--|
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| ☒ ITAR | ☒ DFARS | ☒ Section 508 VPATs | ☒ CNSSI 1253 |

Industry



- | | | | |
|---|---|--|---|
| ☒ PCI DSS Level 1 | ☒ OSFI (Canada) | ☒ AMF + ACPR (France) | ☒ NHS IG Toolkit (UK) |
| ☒ GLBA (US) | ☒ FCA + PRA (UK) | ☒ KNF (Poland) | ☒ NEN 7510:2011 (Netherlands) |
| ☒ FFIEC (US) | ☒ APRA (Australia) | ☒ European Banking Authority (EBA) | ☒ FERPA (US) |
| ☒ Shared Assessments (US) | ☒ FINMA (Switzerland) | ☒ FISC (Japan) | ☒ CDSA |
| ☒ SEC 17a-4 (US) | ☒ FSA (Denmark) | ☒ HIPAA BAA (US) | ☒ MPAA (US) |
| ☒ CFTC 1.31 (US) | ☒ RBI + IRDAI (India) | ☒ HITRUST Certification | ☒ FACT (UK) |
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| ☒ SOX (US) | ☒ NBB + FSMA (Belgium) | ☒ MARS-E (US) | ☒ HDS (France) |
| ☒ 23 NYCRR 500 (US) | ☒ AFM + DNB (Netherlands) | | |

Regional



- | | | | |
|---|--|---|--|
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| ☒ China DJCP (MLPS) Level 3 | ☒ GDPR | ☒ Netherlands BIR 2012 | ☒ UK PASF |
| | ☒ Germany C5 | ☒ New Zealand Gov CIO Framework | |
| | ☒ Germany TISAX | | |



Enabling Success On Azure



How we can help

Get fundamental guidance
to realize cloud value

Build your team's cloud skills
to use Azure confidently

Get dedicated, expert help
to adopt Azure at your pace

Proven Guidance
and Tools

Learning Resources

Partners & Programs



Business and Technology leaders



Developers and IT professionals



Stay on course with a clear path to realize cloud value

Microsoft Cloud Adoption Framework for Azure

Guidance and tools for implementing
business, people and technology strategies
for cloud adoption

Microsoft Azure Well-Architected Framework

Guidance and tools to improve the quality
of workloads based on architectural
best practices



Implement DevOps across your
organization by using the above
frameworks with **GitHub**

Manage and optimize your Azure costs with guidance, tools, and offers from Microsoft



Understand and forecast your costs

- Monitor your bill, set budgets, and allocate spending to teams and projects with [Azure Cost Management + Billing](#)
- Forecast costs for future investments with the [Azure pricing and TCO calculator](#)



Cost optimize your workloads

- Optimize your resources with [Azure Advisor](#)
- Follow workload design best practices with the [Microsoft Azure Well-Architected Framework](#)
- Save with Azure offers and licensing terms like the [Azure Hybrid Benefit and Reservations](#)



Control your spending

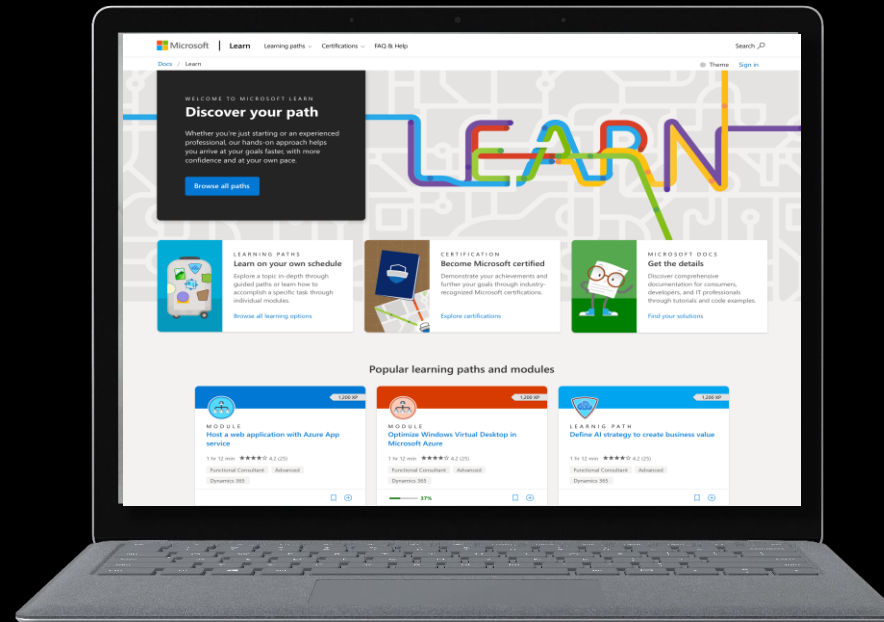
- Establish spending objectives and policies using the [Microsoft Cloud Adoption Framework for Azure](#)
- Implement cost controls in [Azure Policy](#) so your teams can go fast while complying with policy

Build your team's skills to use Azure confidently

Microsoft Learn

Access to learning options:

- **Free** interactive self-paced learning paths that offer hands-on experience
- Watch **free** live and pre-recorded technical content on Learn TV
- Virtual or in-person instructor-led training
- Azure certifications



microsoft.com/learn

Virtual Training Days

Free one-day virtual events combining presentations with demonstrations and hands-on workshops.

Enterprise Skilling Initiative

Microsoft trainers & partners provide your team's with instructor-led training, self-paced learning, and certifications.

Learning Partners

Microsoft Learning Partners offer a breadth of training solutions customized to meet your needs.

Summarizing application of our resources for common cloud adoption

Use Case	Resources	
Need a starting point to ready my organization	Cloud Adoption Framework for Azure	 Microsoft learning resources, partners and programs 
Need guidance to migrate on-premises workloads or building new solutions	Cloud Adoption Framework for Azure + Azure Well-Architected Framework	
Evaluate existing workloads against best practices	Azure Well-Architected Framework	
Empower teams to work with agility and full visibility to deliver reliable software faster	GitHub & other DevOps solutions + Cloud Adoption Framework for Azure + Azure Well-Architected Framework	
Get dedicated expertise to accelerate cloud adoption	Azure advanced specialization partners with Cloud Adoption Framework expertise	
Manage and optimize Azure costs	Cost management tools + Cloud Adoption Framework for Azure + Azure Well-Architected Framework	

¡Gracias!



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Inicie sesión con su cuenta preferida.



- O bien -

Háblenos un poco sobre usted.

Todos los campos marcados con * son obligatorios.

Nombre *

Apellidos *

Nombre de la empresa *



[Datos de contacto del equipo de ventas](#)



<https://azure.microsoft.com/es-es/overview/sales-number/>