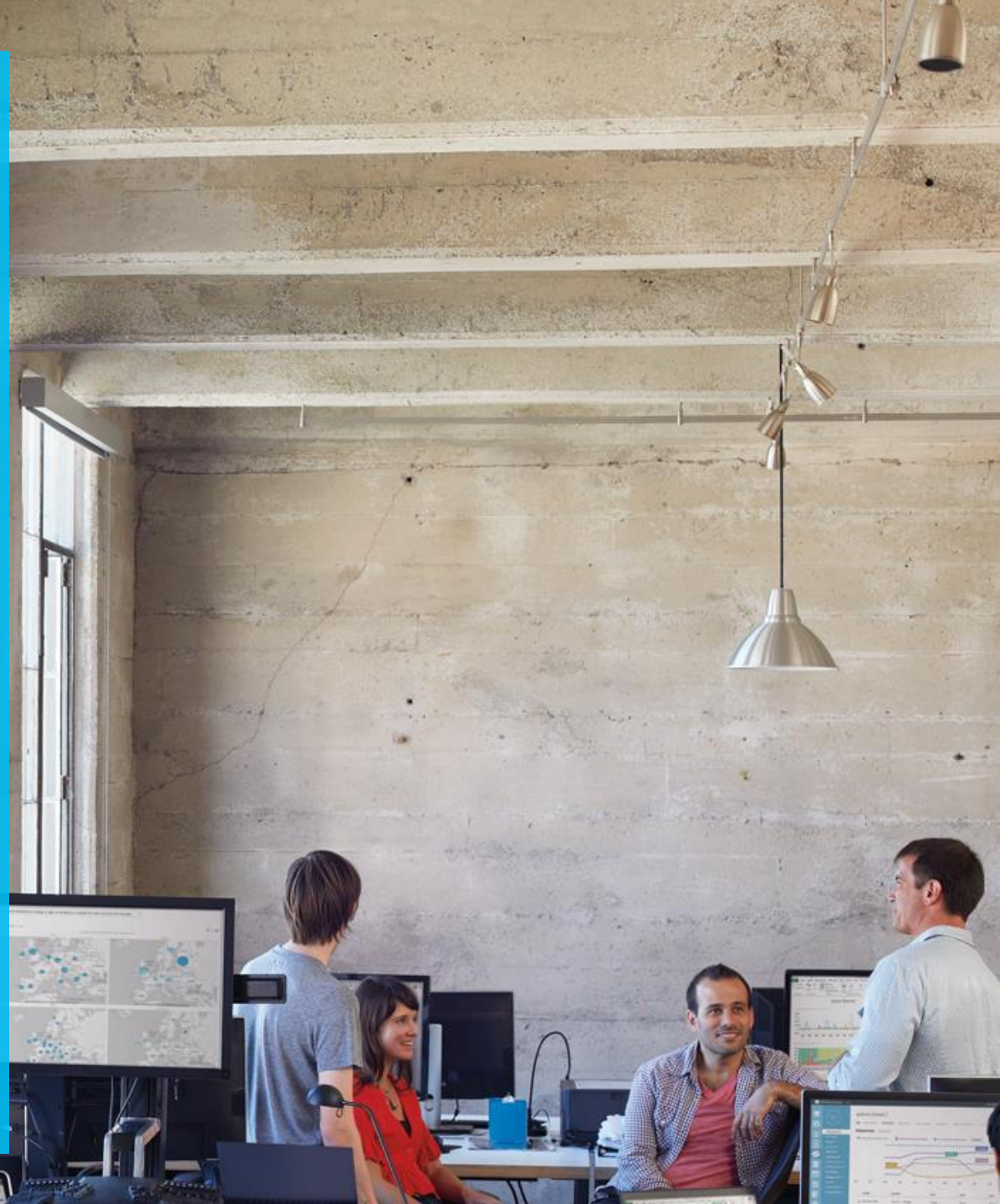




Microsoft Azure

Haciendo grandes cosas

Pablo Fernandes
Dir. Cloud & Enterprise



¿Por qué ir a la nube?



Velocidad



Escala

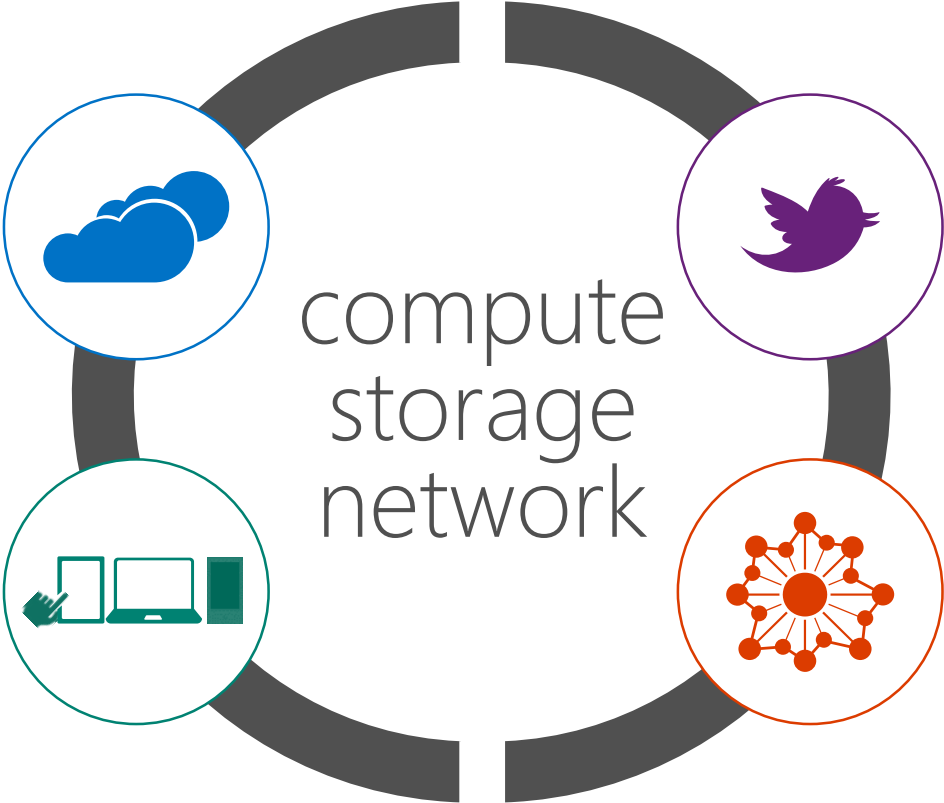
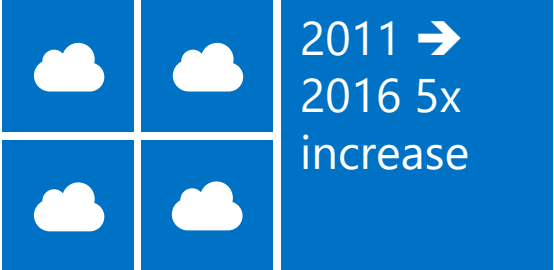


Economía

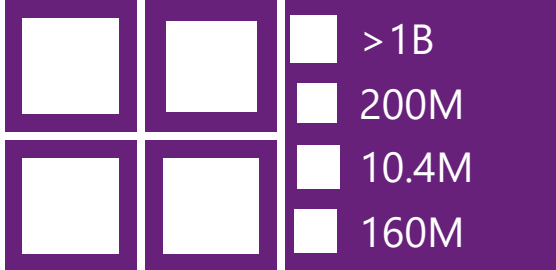


Tendencias que transforman

Cloud Computing



New Social & App Patterns



Consumerization of IT



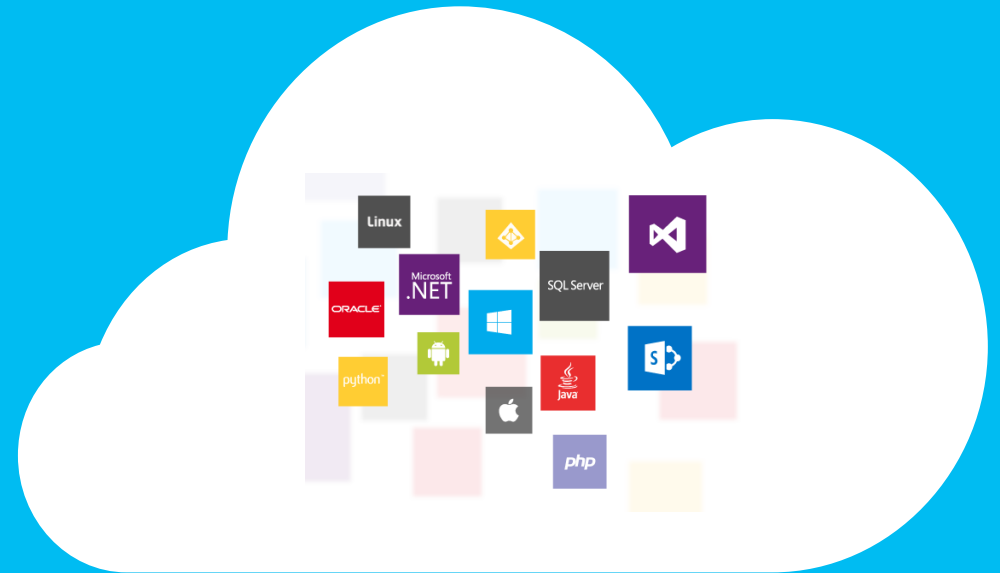
Data Explosion



Microsoft Azure es

una plataforma de nube abierta y flexible que habilita a los clientes rápidamente crear, implementar y gestionar aplicaciones de forma segura, escalando su infraestructura local, en la nube o ambas (Cloud híbrida).

Con Azure es posible usar los recursos y habilidades existentes por soportar prácticamente todas las herramientas, lenguajes y frameworks más populares del mercado.



Platform Services

Security & Management

- Portal
- Active Directory
- Multi-Factor Authentication
- Automation
- Key Vault
- Store / Marketplace
- VM Image Gallery & VM Depot

Compute

- Cloud Services
- Service Fabric
- Batch
- Remote App

Web and Mobile

- Web Apps
- API Apps
- API Management
- Mobile Apps
- Logic Apps
- Notification Hubs

Developer Services

- Visual Studio
- Azure SDK
- Team Project
- Application Insights

Hybrid Operations

- Azure AD Connect Health
- AD Privileged Identity Management
- Backup
- Operational Insights
- Import/Export
- Site Recovery
- StorSimple

Integration

- Storage Queues
- Biztalk Services
- Hybrid Connections
- Service Bus

Analytics & IoT

- HDInsight
- Machine Learning
- Data Factory
- Event Hubs
- Stream Analytics
- Mobile Engagement

Data

- SQL Database
- SQL Data Warehouse
- Redis Cache
- Search
- DocumentDB
- Tables

Media & CDN

- Media Services
- Content Delivery Network (CDN)

Infrastructure Services

Compute

- Virtual Machines
- Containers

Storage

- BLOB Storage
- Azure Files
- Premium Storage

Networking

- Virtual Network
- Load Balancer
- DNS
- Express Route
- Traffic Manager
- VPN Gateway
- Application Gateway

Datacenter Infrastructure (24 Regions, 19 Online)



Azure Market Place

The screenshot displays the Azure Marketplace interface. On the left is a dark sidebar with navigation icons and labels: HOME, NOTIFICATIONS (1), BROWSE, ACTIVE, and BILLING. The main content area has a search bar at the top with the placeholder text "Search Everything". Below the search bar is a large blue banner for "Docker on Ubuntu Server" by Canonical + MS Open Tech, with a "Create" button. Underneath is a "What's new" section with a "More" link on the right. This section contains six service tiles: Cloudera Enterprise (Cloudera), New Relic APM (New Relic), Oracle Database (Oracle + MS Open...), CoreOS Alpha (604.0.0) (CoreOS), Veeam Cloud Connect (Veeam), and Application Insights (Microsoft). The CoreOS and Veeam tiles are highlighted with a red dashed border.

Everything

Virtual Machines

Web

Mobile

Developer services

Media

Data + analytics

Storage, cache, + backup

Identity

App + data services

Search Everything

Docker on Ubuntu Server

Canonical + MS Open Tech

Docker is an open platform for developers and sysadmins to build, ship, and run distributed applications, whether on laptops, data center VMs, or the cloud.

Create

What's new More

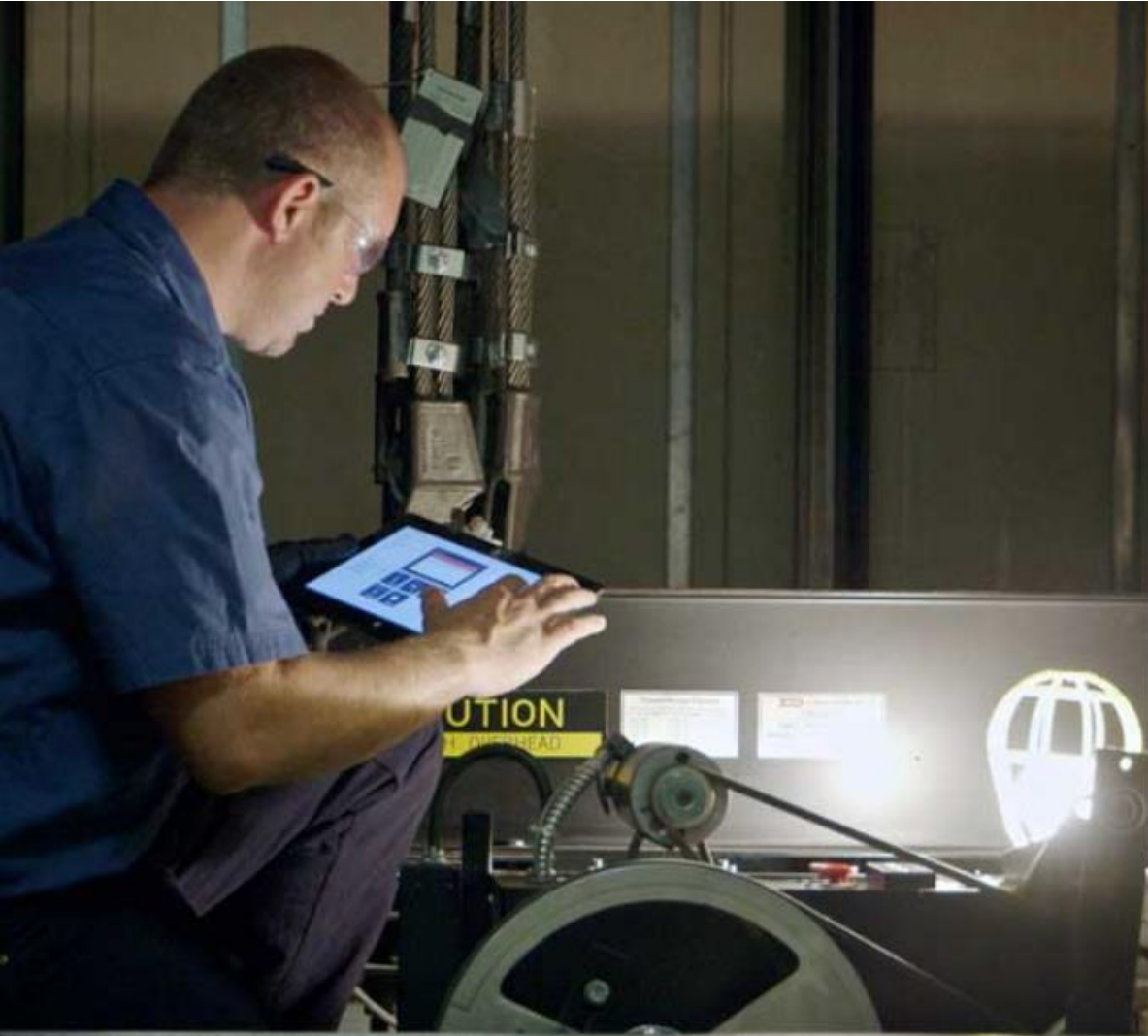
Cloudera Enterprise	New Relic APM	Oracle Database	CoreOS Alpha (604.0.0)	Veeam Cloud Connect	Application Insights
Cloudera	New Relic	Oracle + MS Open...	CoreOS	Veeam	Microsoft

Cloud Híbrida con Microsoft Azure



Logrando más con Microsoft Azure

La Internet de las cosas *de ThyssenKrupp*



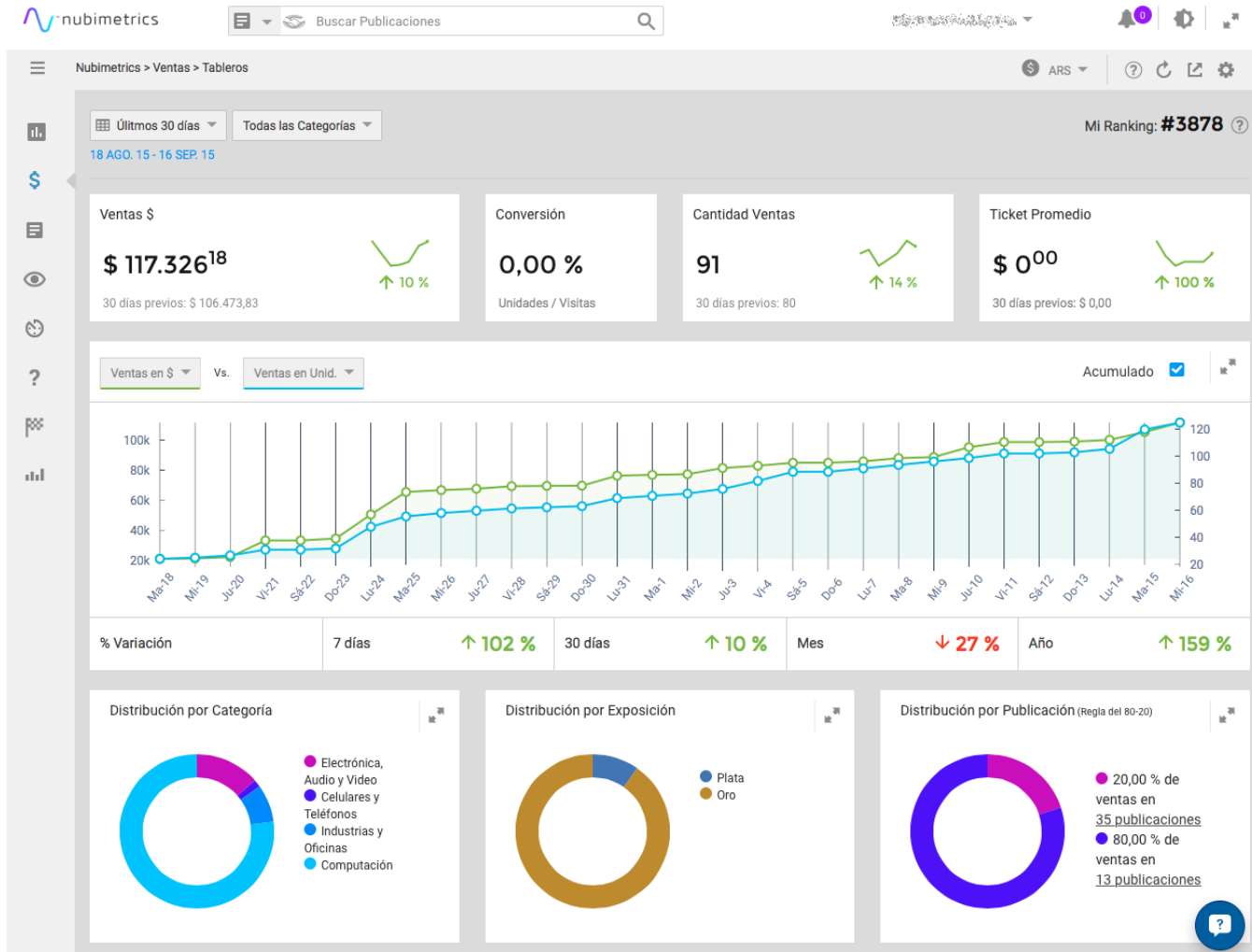
Predictive maintenance with machine learning

With Microsoft Azure Machine Learning (Azure ML) service, ThyssenKrupp has an unprecedented view into elevator operations and maintenance, now and in the future. The system contains an intelligent information loop: Data from elevators is fed into dynamic predictive models, which continually update datasets via seamless integration with Azure.

Now, the elevators can actually teach technicians how to fix them. With up to 400 error codes possible on any given elevator that can significantly sharpen efficiency in the field, resulting in dramatically increased elevator uptime.

[!\[\]\(4cafc60cd39da821525d7c6589540296_img.jpg\) Learn more about machine learning](#)

Con Nubimetrics se vende más



Llevamos almacenadas y procesadas

4,809,014,152

publicaciones de 13 países



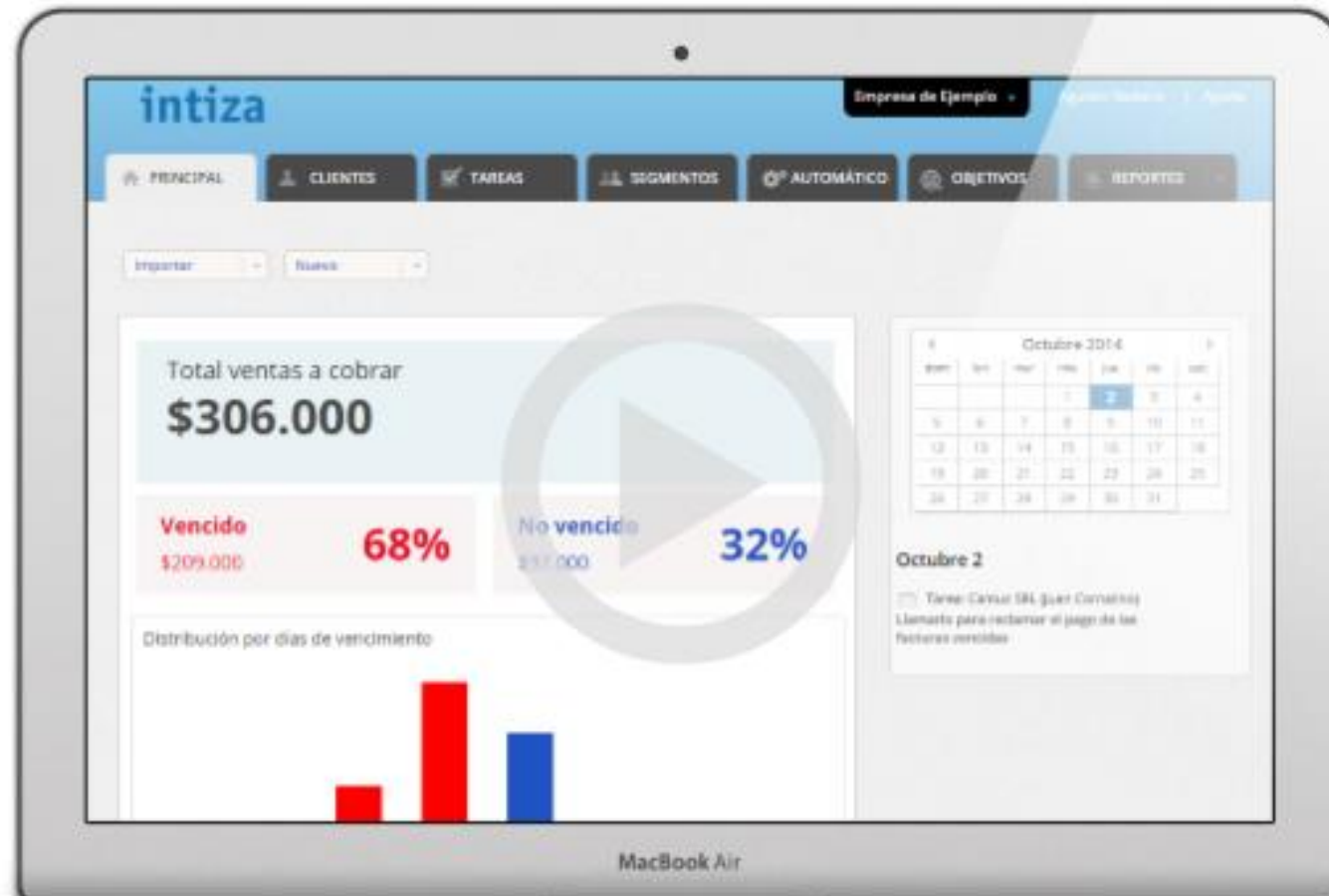
El comportamiento del consumidor en Retail



shopperception

SOLUTIONS FOR RETAIL

Intiza organiza la cobranza



- 17 Países
- 26 Industrias
- 30%+ Eficiencia
- Clientes como MAPFRE y Prosegur

IDATHA: Analytics en medios sociales

IDATHA

INICIO

ACERCA DE ▾

MEDIA ANALYTICS

SERVICIOS ▾

RECURSOS ▾

CONTACTO

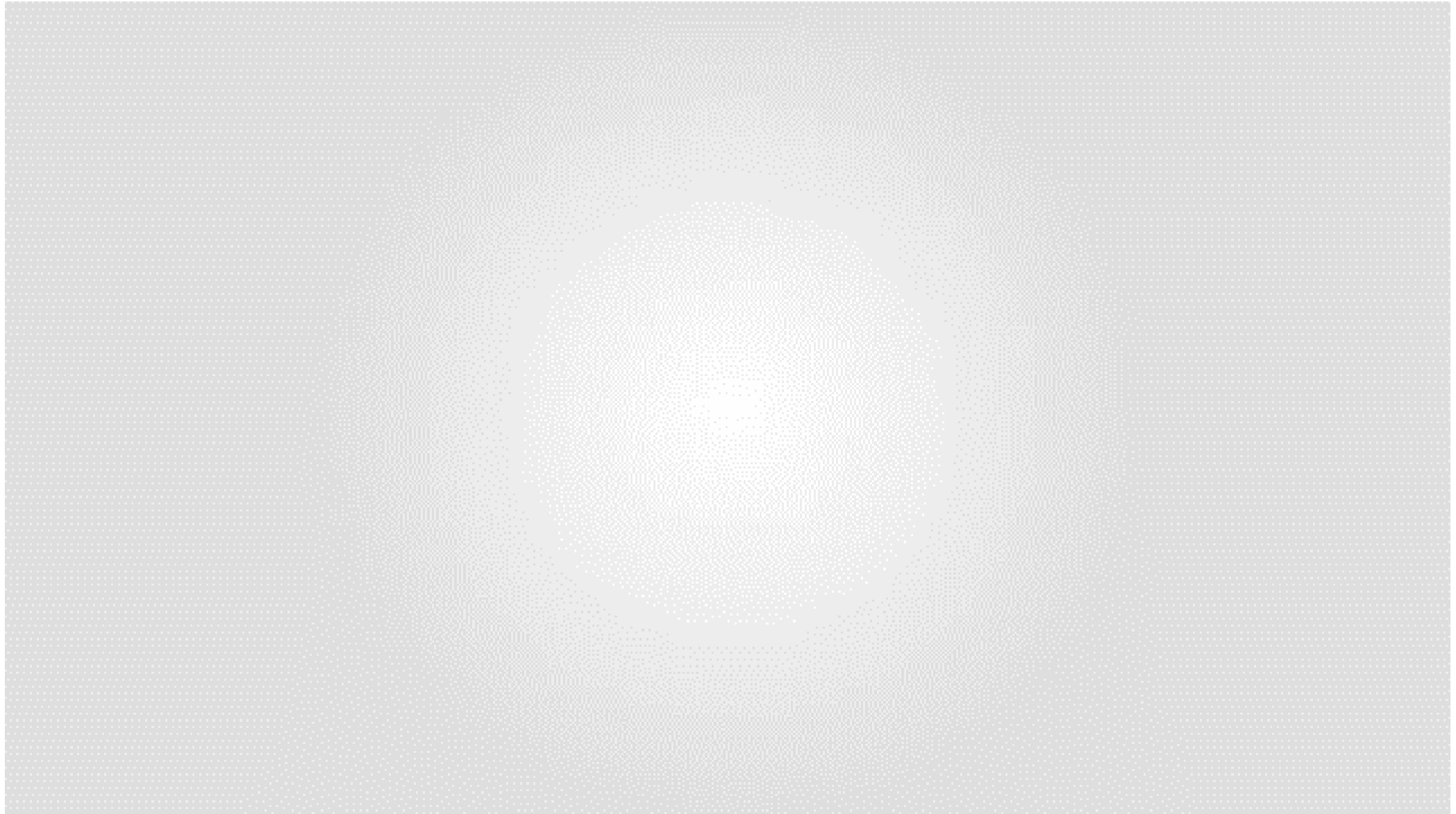


SOMOS EXPERTOS EN EL
ANÁLISIS & PROCESAMIENTO DE DATOS

SABER MAS

CONTACTANOS

La solución de rastreo de Logicsat



El censo de la educación



Microsoft Azure
Success Story



Census of staff working in the education sector using PHP on the Microsoft Azure application.

Mural.ly organiza la creatividad

The image shows a screenshot of the Mural.ly collaborative workspace. The interface is a grid of colorful cards and text boxes. A central text overlay reads "MAKE REMOTE DESIGN WORK" and "Online brainstorming, synthesis and collaboration". Below this, there are two buttons: "Type your email" and "START A 30 DAY FREE TRIAL". The workspace contains several cards, including one titled "Smart Homes: Are We There Yet?" with an image of a person pointing at a screen, and another titled "Interpersonal Relations" with text about effective communication. There are also cards for "LED WALLS", "WIRELESS", "video conferencing", and "remote collaboration is too impersonal". A toolbar at the top right includes icons for zooming, erasing, and other editing tools. A chat bubble in the bottom right corner says "Ask us anything or share your feedback. We usually respond within an hour or so (except on weekends)." and has a red speech bubble icon next to it.

we improve remote
operation using
chnology?

asynchronous
feedback

Smart Homes: Are We There Yet?

Those who have played Xbox Kinect will have experienced a little of what it's like to live in a digitally submersive world like that featured in the movie Minor

Home-designing

use visual

Type your email

START A 30 DAY FREE TRIAL

Interpersonal Relations

Effective Communication
Tips: Transforming Your
Remote Workforce into a
Collaborative Unit

Effective communication helps build
trust and creates an environment
where creative ideas and
solving are welcomed and
encouraged. When there
communication, misunder-
standing is often
causing conflict...

Huffingtonpost

LED WALLS

WIRELESS

video
conferencing

remote
collaboration is
too impersonal

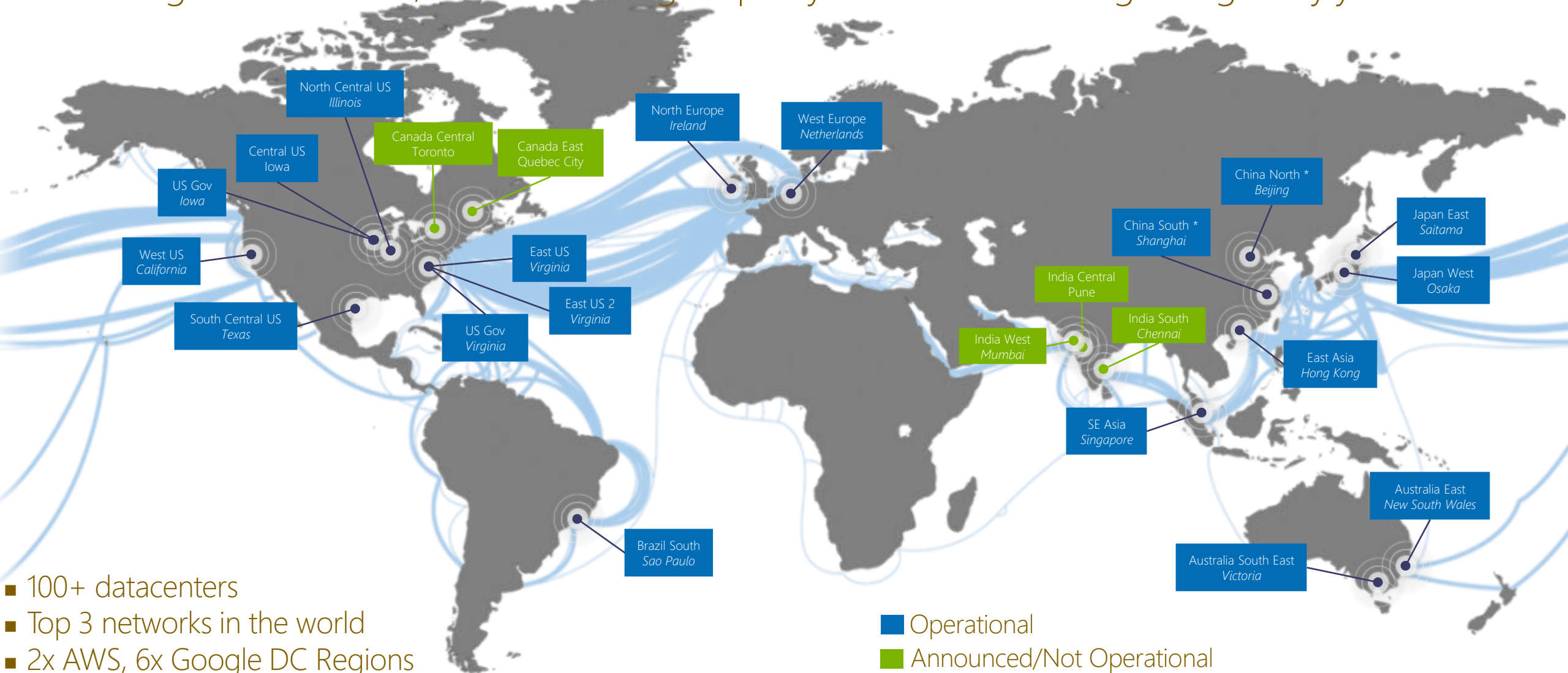
VIDEO
CONFERENCING

Ask us anything or share your
feedback. We usually respond
within an hour or so (except on
weekends).

Más sobre Microsoft Azure

Infraestructura para escalar

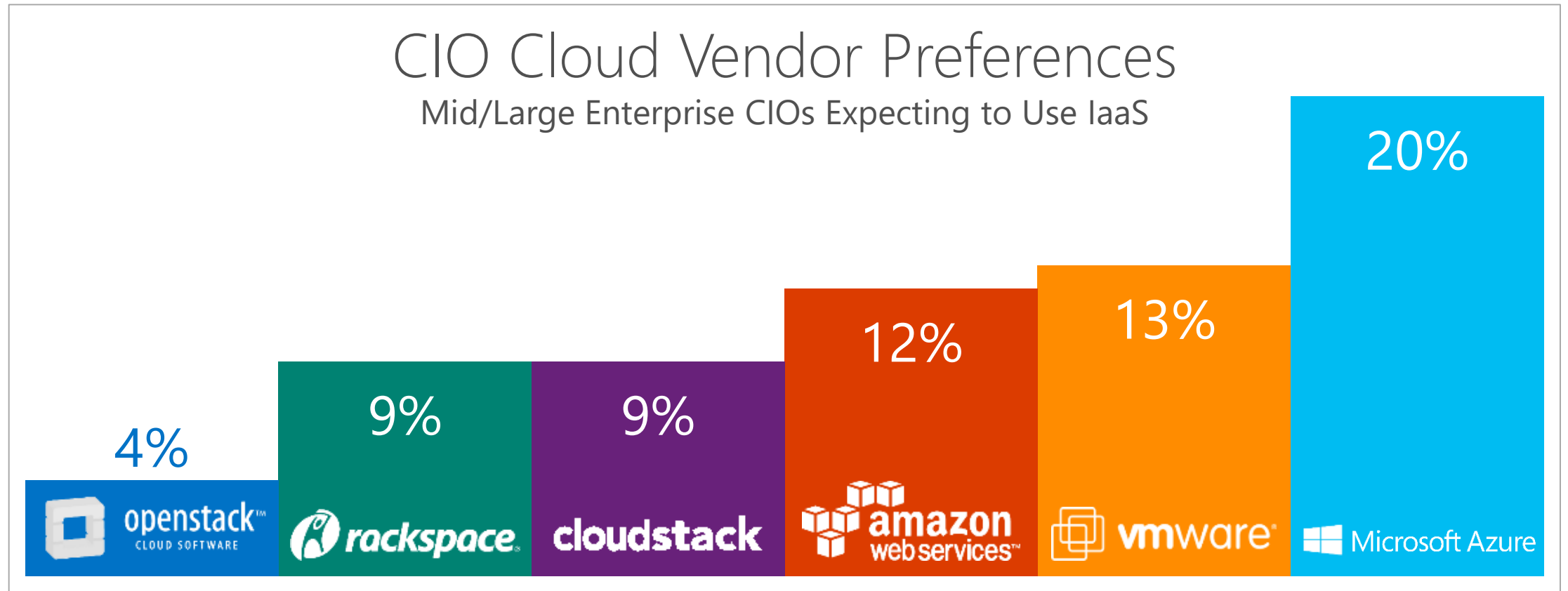
24 Regions Worldwide, 19 ONLINE...huge capacity around the world...growing every year



- 100+ datacenters
- Top 3 networks in the world
- 2x AWS, 6x Google DC Regions
- G Series – Largest VM in World, 32 cores, 448GB Ram, SSD...

- Operational
- Announced/Not Operational
- * Operated by 21Vianet

El preferido de las grandes Empresas



Source: Morgan Stanley CIO Survey, 2013. "Percentage of Enterprise CIOs Greater than \$1B/\$10B expecting to use IaaS by YE2014"

Azure en números

~100,000

New Azure customer subscriptions/month

20 Million

SQL database hours used every day

> 50 Trillion

Storage objects in Azure

> 5 Trillion

Storage transactions every month

425 Million

Azure Active Directory Users

60 Billion

Hits to Websites run on Azure Web App Service

57%

Of Fortune 500 Companies use Microsoft Azure

1 Trillion

Messages delivered every month with Event Hubs

¿Preguntas?



Gracias

Twitter: @_PabloFernandes

