



Anna McNally  
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How we helped an FSI customer deliver  
2 years of digital transformation in 2 months

Cyber Security: Latest Trends, Threats and Risks for a 'Semi or Permanent remote working workforce'

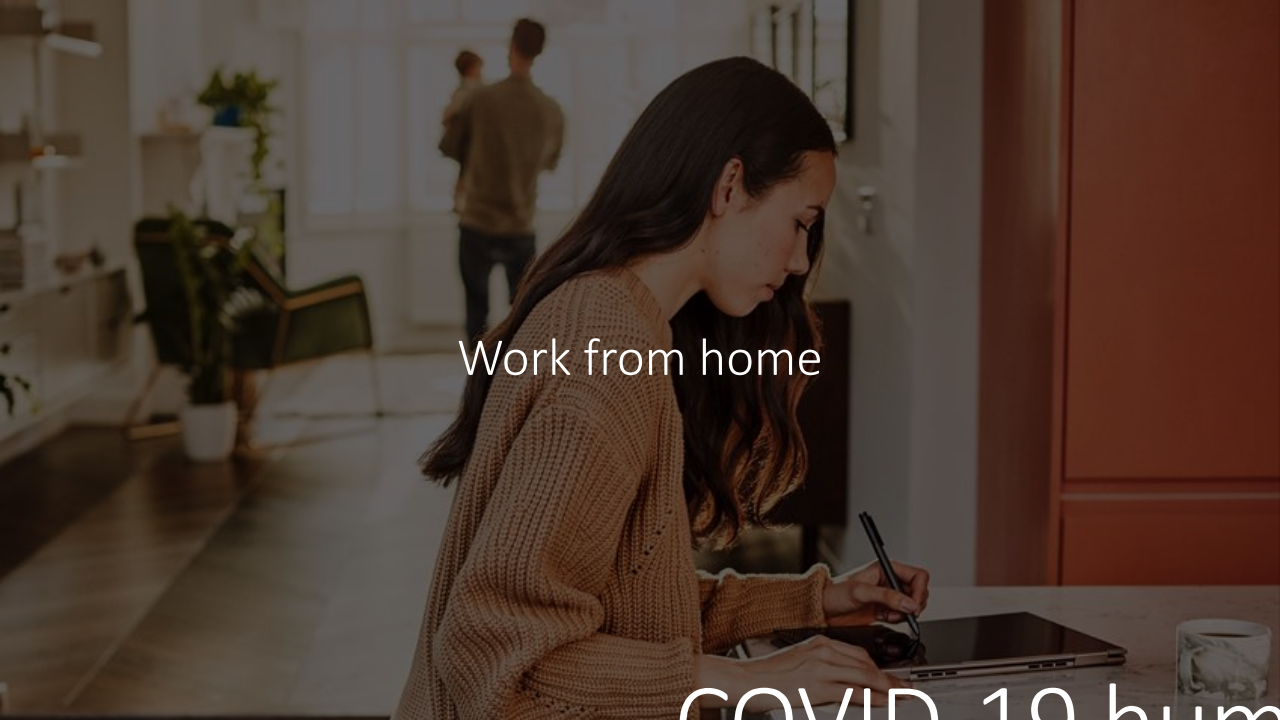


# What am I going to cover?

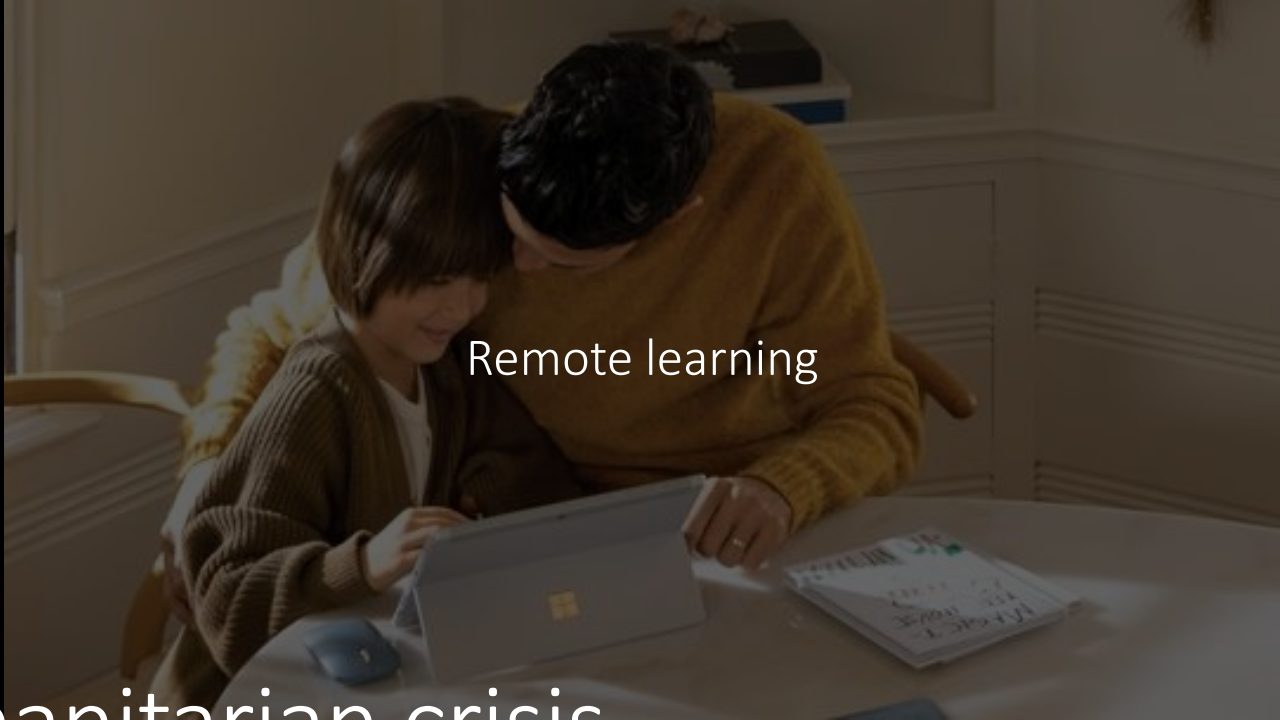
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- Microsoft's response to help businesses during Covid-19
- Key Stats as a result of Covid-19
- Microsoft's ongoing commitment to security
- FSI Customer Case Study



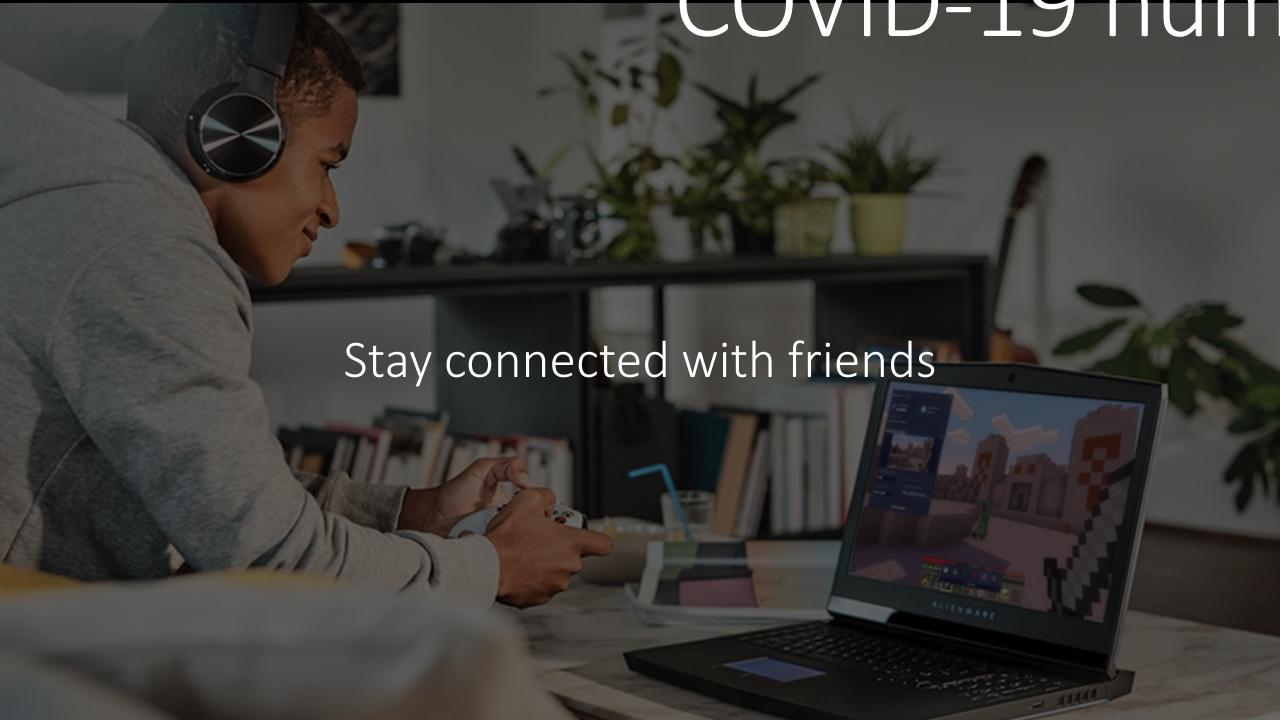


Work from home

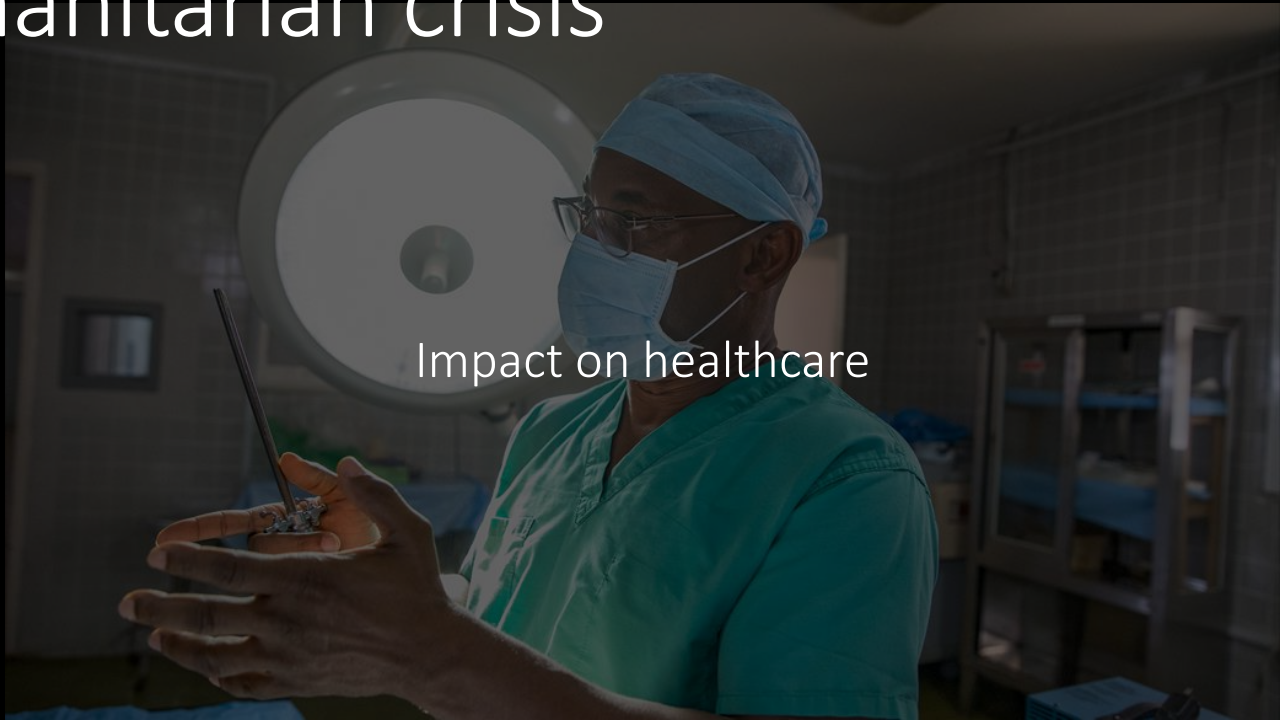


Remote learning

# COVID-19 humanitarian crisis



Stay connected with friends



Impact on healthcare



# Microsoft Teams

**75M+**

daily active users

**200M+**

daily meeting participants

**4.1B**

daily meeting minutes

## Windows Virtual Desktop (WVD)

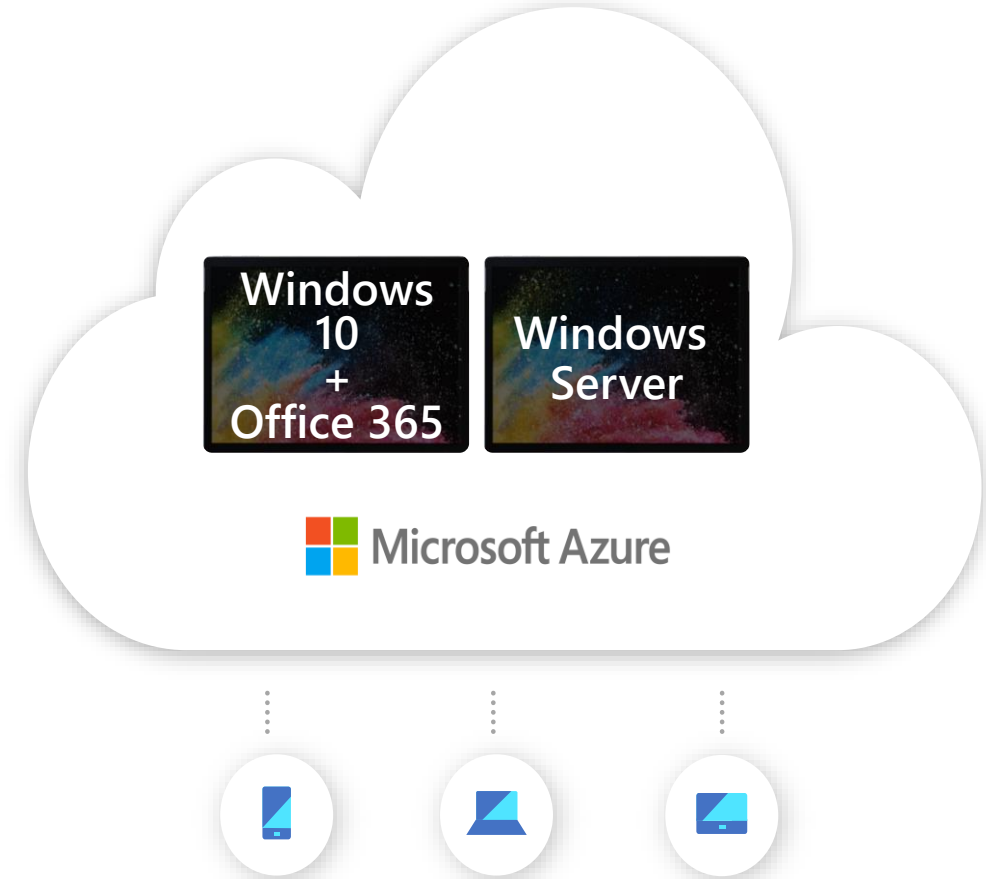
**3x growth in 4 weeks**

Windows Virtual Desktop deployments

**28 Government departments**

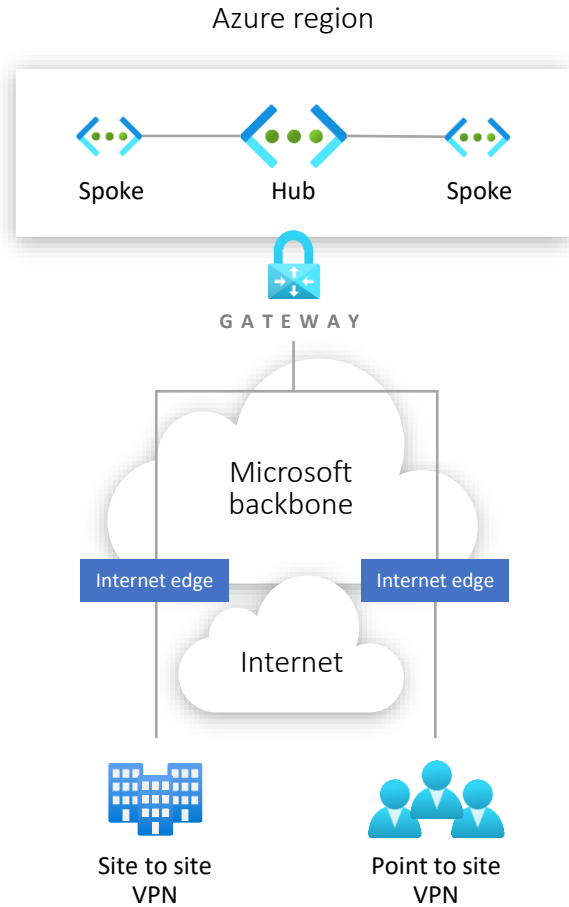
Deployed WVD since March

**40 Education Providers**





# Azure VPN

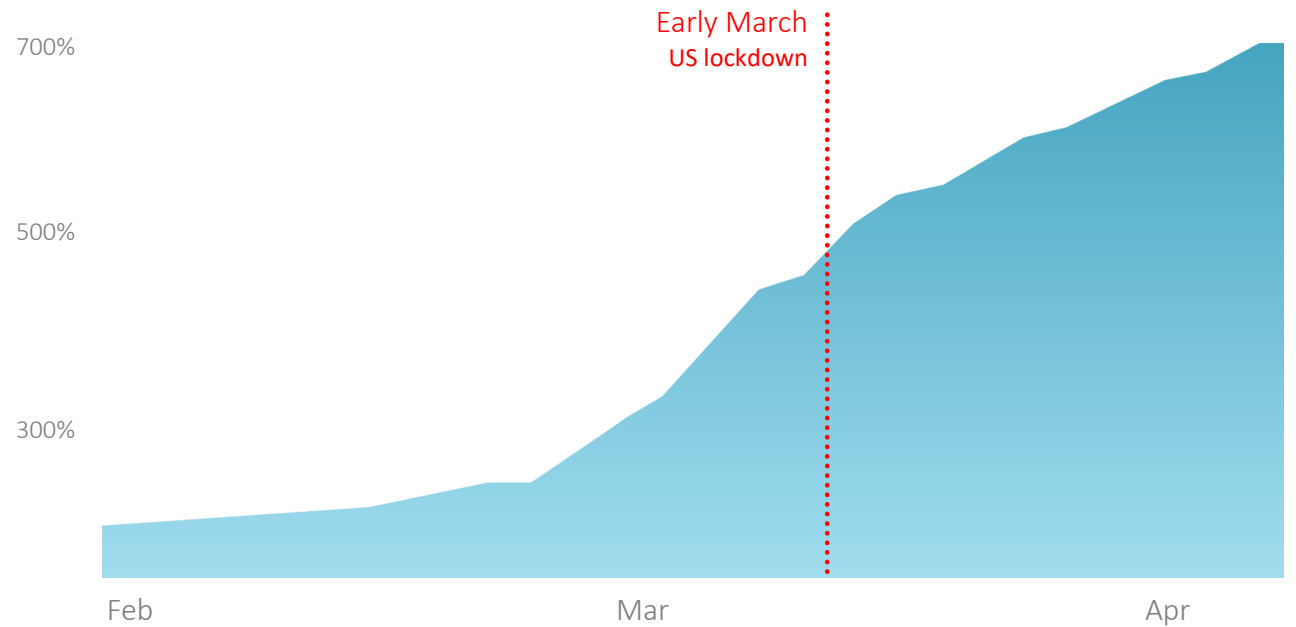


## 700% increase

Azure VPN client downloads

## 94% growth

Connections to Azure VPN



Azure VPN client downloads (2020)



# Azure Active Directory

300M

Monthly active users

+30%

Growth in authentication requests

+21%

3<sup>rd</sup> party SaaS app MAU growth





# Azure security

# Azure Security & Management

Built-in Azure services options to keep your Azure and hybrid resources secure and well-managed



## Governance

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Proactively apply policies and optimize cloud spend



## Security

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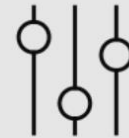
Industry leading Security with Advanced Threat Protection



## Resiliency

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High availability and protection for VMs, apps and data



## Monitoring

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Deep operational insights with rich intelligence



## Automate

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Powerful scripting, configuration and update management

**Microsoft spends \$1B+ on security R&D every year**



# Security challenges of working from home

Users



Unmanaged user devices



Phishing and ransomware



Collaborating remotely

Businesses



VPN endpoints and scalability



Internal business application access

# Customer Case Study

## **Background and customer ask**

- Office based customer
- Not geared up to homework
- WFH proved to be a big challenge

## **Customer Requirements**

- Integration with existing identity platform (AAD)
- Access to secure Company resources
- Massively scalable and highly available (HA)Secure wrapper to prevent data leakage
- Pay-As you go subscription model
- Reliable and consistent User Experience
- Telephony integration

## **Solution**

- Windows Virtual Desktop

# What is Windows Virtual Desktop?

## **Microsoft service native to Azure for VDI/RDSH management**

Enables a multi-session Windows 10 experience, optimized for Office 365 ProPlus

Present Windows 7 virtual desktops with free Extended Security Updates

'Reverse Connect' – No open inbound ports required on session host VM

Most flexible service allowing you to present both desktops and apps remotely

Integrated with the security and management of Microsoft 365



The project covers the whole organisation

Communication Team Finance

Cloud Team Infrastructure SMEs Compliance Team

Programme Manager Support Desk

Developers Governance Team Network Team

Executives Security Team

End User Compute Team



## What we did

- Meet immediate demand in the time scale
- End User testing and constant feedback loop
- Working with SMEs and appropriate teams to deploy WVD
- Enabled access to line of business apps in their own DCs
- Cross team collaboration to accelerate adoption

## Where are we now?

- Optimisation – for Performance and cost benefits
- Realise more value – connecting teams and
- Identifying other teams and future projects



61 Azure regions



Trusted and compliant processes

Meet any challenge with Azure



200+ services



Hardware + supply chain innovation



# Thank you

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