borwell

BUSINESS IS GREAT BRITAIN

# C2S Tech & Cyber Focus
# Digital Transformation

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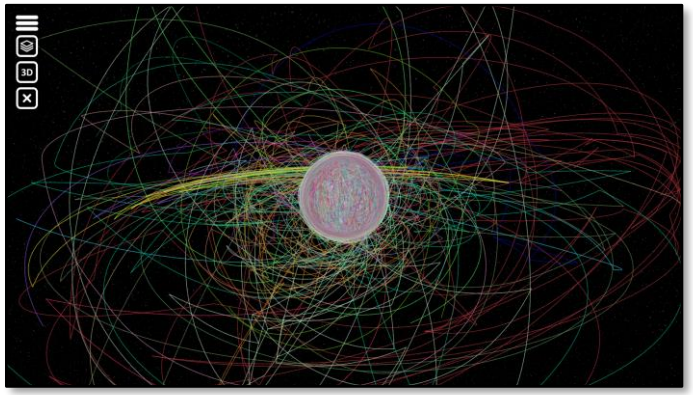
# What will be covered

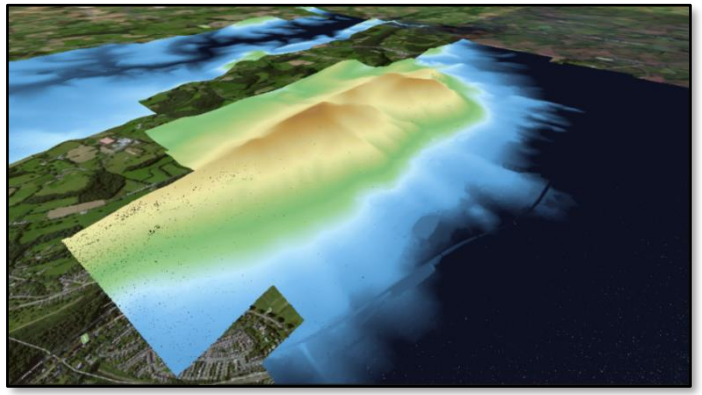
- Introduction to borwell
- What is Digital Transformation and why is it needed?
- Suggested technologies to investigate & implement
- How to keep it all Cyber Secure
- borwell & Apprenticeships

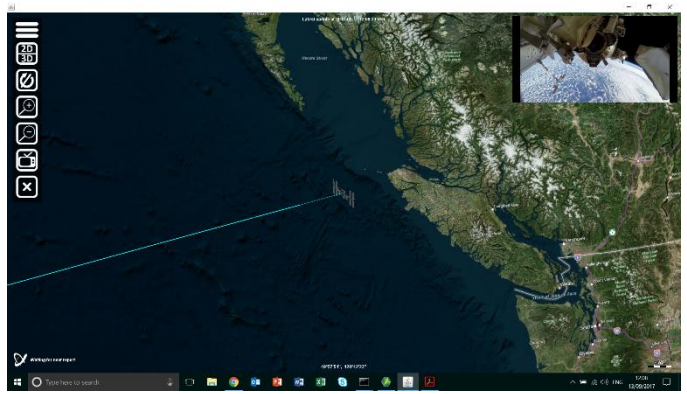
# Key software development capabilities

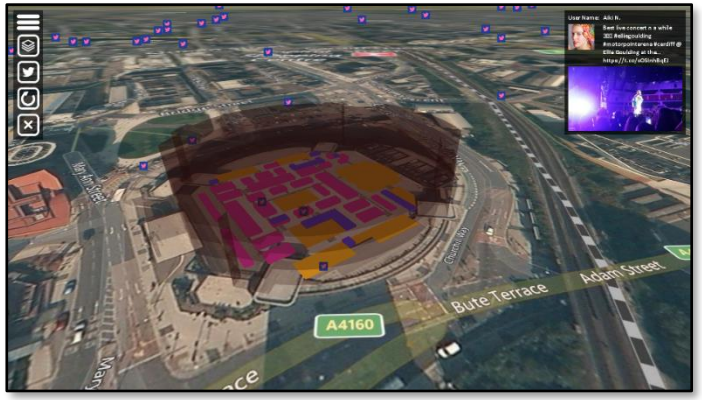
- **Big data**
  - Millions and billions of things to be managed and tracked
- **Visualisation**
  - 2D, 3D, 4D (timeline replay), 5D (Analytics) & GIS
  - Actionable information for decision makers
- **Systems Integration & IoT**
  - Complex desktop applications, middleware, secure web apps
  - Legacy systems – protect, support & maintain while rewriting
- **Collaborative solutions**
  - Secure portals, CWEs, SIEs, digital supply chain collaboration

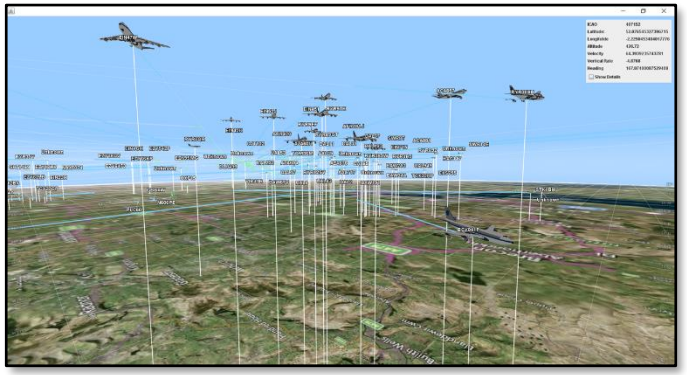
# Visualisation – Geoint, GIS, 3D Models

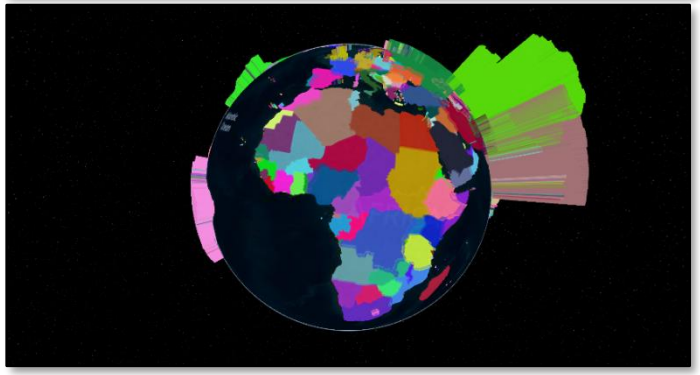


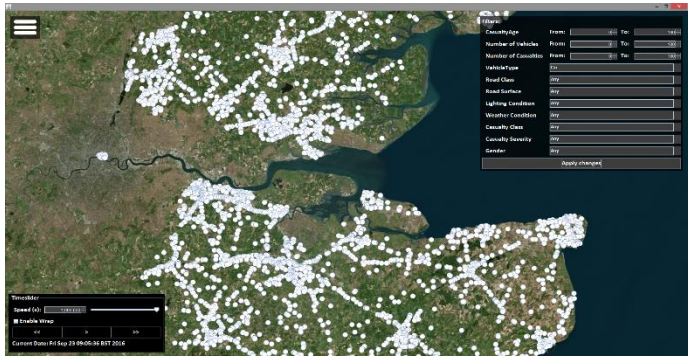












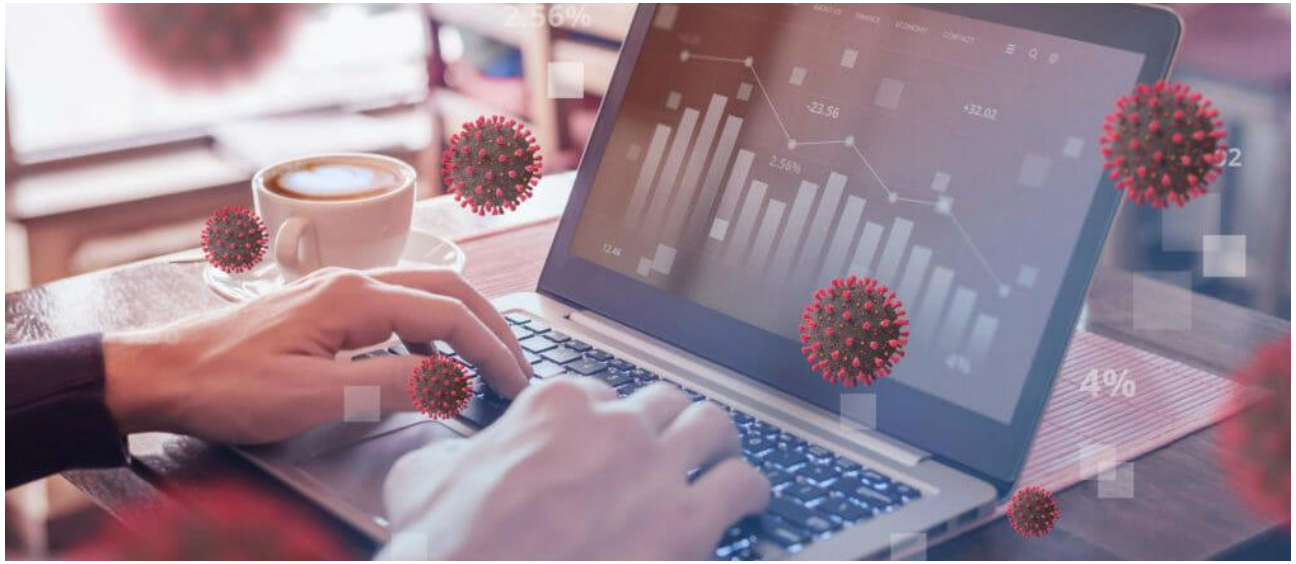
# DX – Digital Transformation

# What is Digital Transformation?

"Digital Transformation is the adoption of digital technology to transform services or businesses, through replacing non-digital or manual processes with digital processes or replacing older digital technology with newer digital technology."

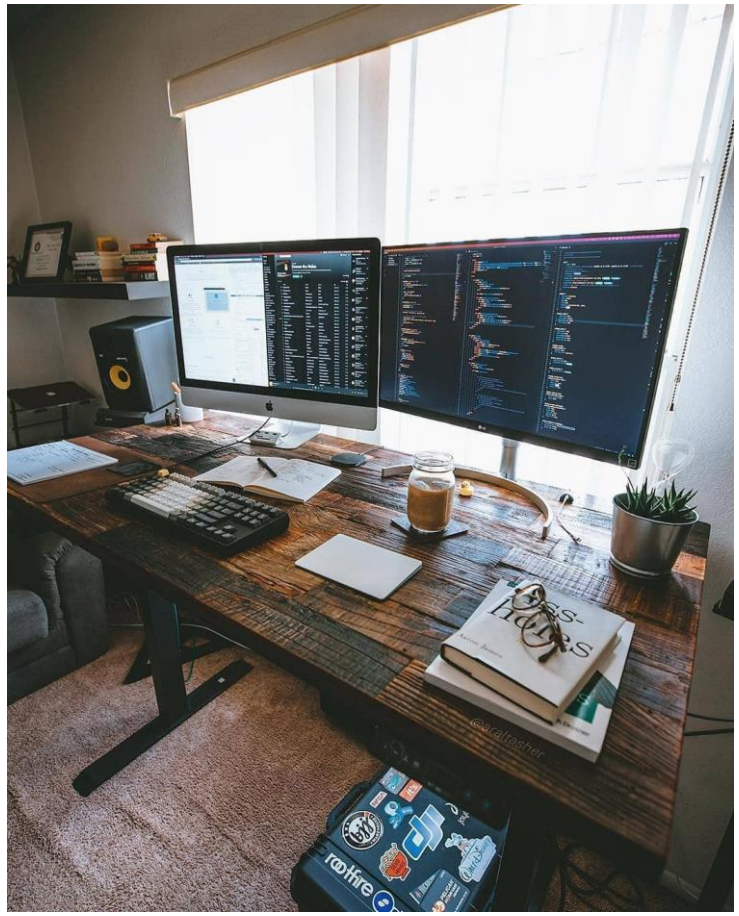
# Why is it needed?

- Remote Working
- Digital Readiness
- Allow business to remain competitive
- Reduce Paper
- Reduce Waste – time, material, travel, ambiguity



# Business adaptation to Remote Working

Everyone can't take
these home to work on!



# The Solution – Cloud Computing

**Microsoft reports a 775% spike in Cloud Services demand From Covid-19**

Office Groups (Space for Team Collaboration (250+ per user)) | MyAnalytics (Mail/Calendar Big Data & Behavioural Analytics) | Office Graph (Machine learning mapping connections between people & content)
Office 365
OneDrive
1TB Storage to Store, Sync & Share Files
Mail
50GB Mailbox, 150MB Attach-ments
Calendar
Schedule & Share Calendars
People
Personal Contact Storage
SharePoint
SharePoint Document Collaboration with 1TB + 500MB per user
Skype for Business
IM & Audio/Video Conferencing
Office
Latest Productivity Apps & Applications
OneNote
Note Taking Productivity App
Tasks
Flags & Task Tracking
Newsfeed
Post or Follow Colleagues Conversations
Delve
Personal Search & Discovery of Content
Yammer
Enterprise Social Network Platform
Video
Share & Manage Business Videos
Sway
Digital Storytelling App for Sharing
Planner
Manage Tasks on Graphic Boards
PowerBI
Interactive Business Intelligence Dashboards
PowerApps
Build Mobile Apps & Logic Flows
Project Online
Project Portfolio Management
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Dynamics 365
Customer Relationship Management
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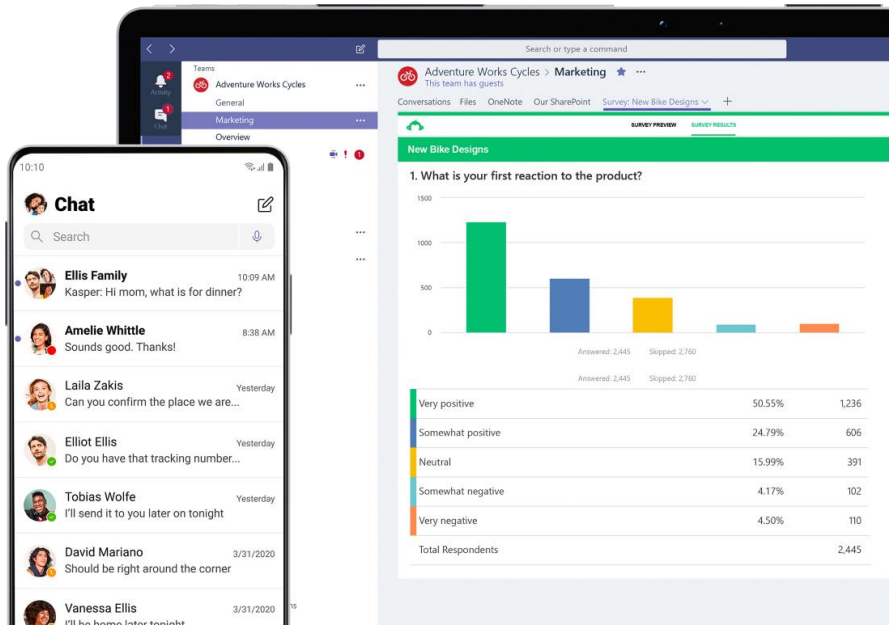
Visio
Advanced Visual Processes Creation
+$
Flow
Automating Workflows across Apps
Stream
Stream, Share & Manage Business Videos
Beta
Teams
Chat-Based Team Work-spaces
Beta
And Much More...
Infographic created by OnPoint Solutions

**When employees are working remotely it is important to have technology in place that will allow them to work collaboratively together and gives the easiest methods of communication to replace face to face meetings in the office.**

Microsoft Teams

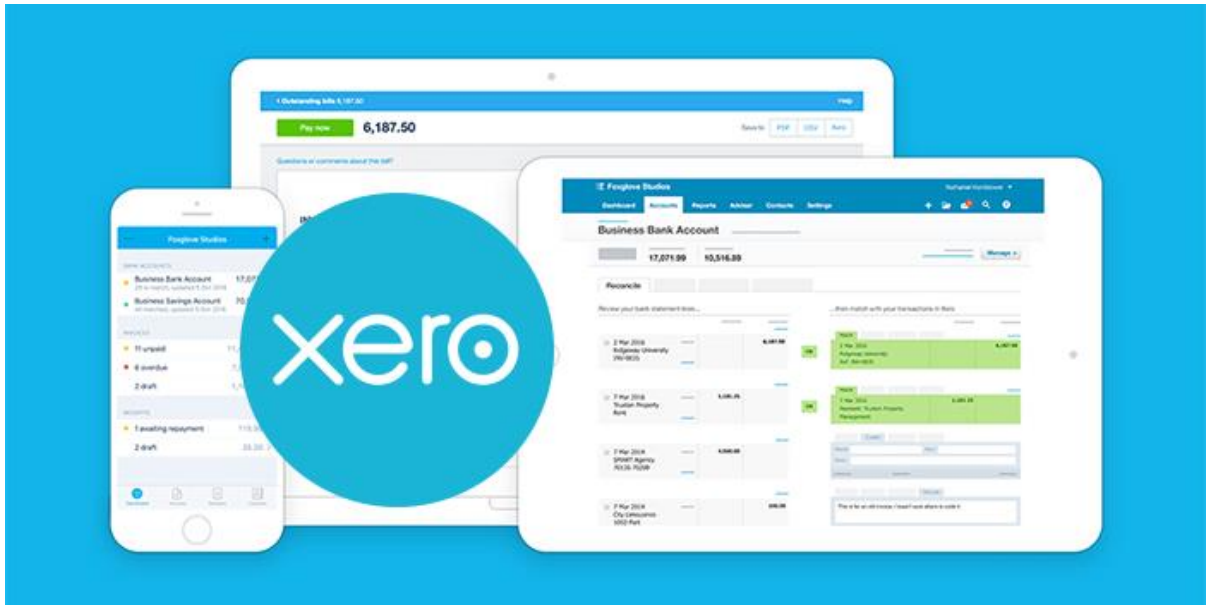



- Video calls
- Integration with other Microsoft Technologies (Planner, Outlook etc.)
- Project teams
- Guest integration for projects
- Collaborative working on files and storage

**Moving to the cloud means you need an easy solution to store and share files via the cloud, so all your employees have access.**

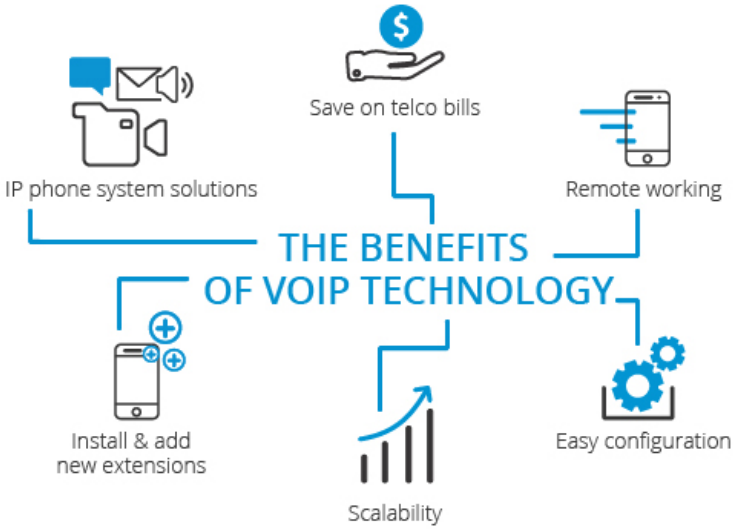
- No need to have office servers hosting all your files
- No physical backups needed
- Access to files anywhere, anytime
- Added security
- Easy management and sharing
- Synchronization
- More cost effective!

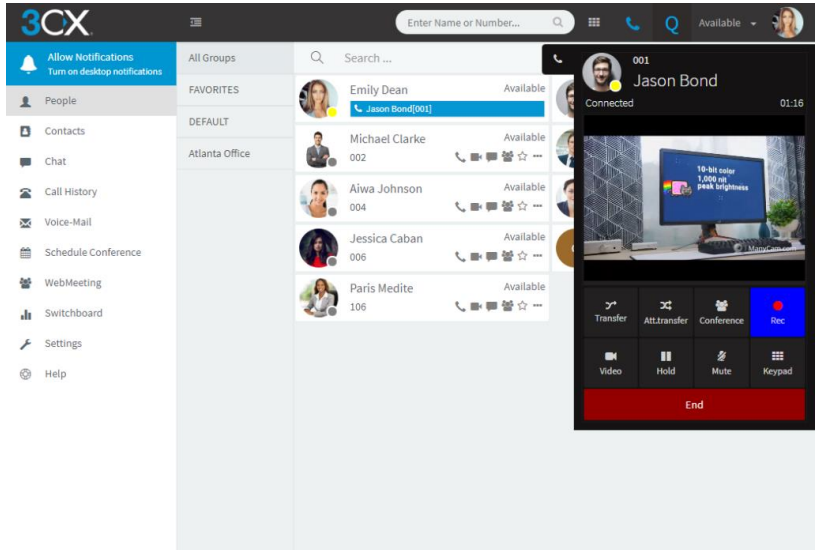
**Having an easy to use finance system for quotes and invoicing is essential for home working. Cloud based finance is the way to go.**




- Access to finances anywhere, anytime
- Easy creating and tracking of quotes and invoices
- Clear user interface
- Simpler and quicker to use than sage
- Automated daily bank feeds

# Answer your office calls from anywhere… VOIP systems will soon make landline phones obsolete




- Employees can answer incoming calls through their computer
- Easily scalable with employees
- No need to invest in physical telephone systems that stay in one place

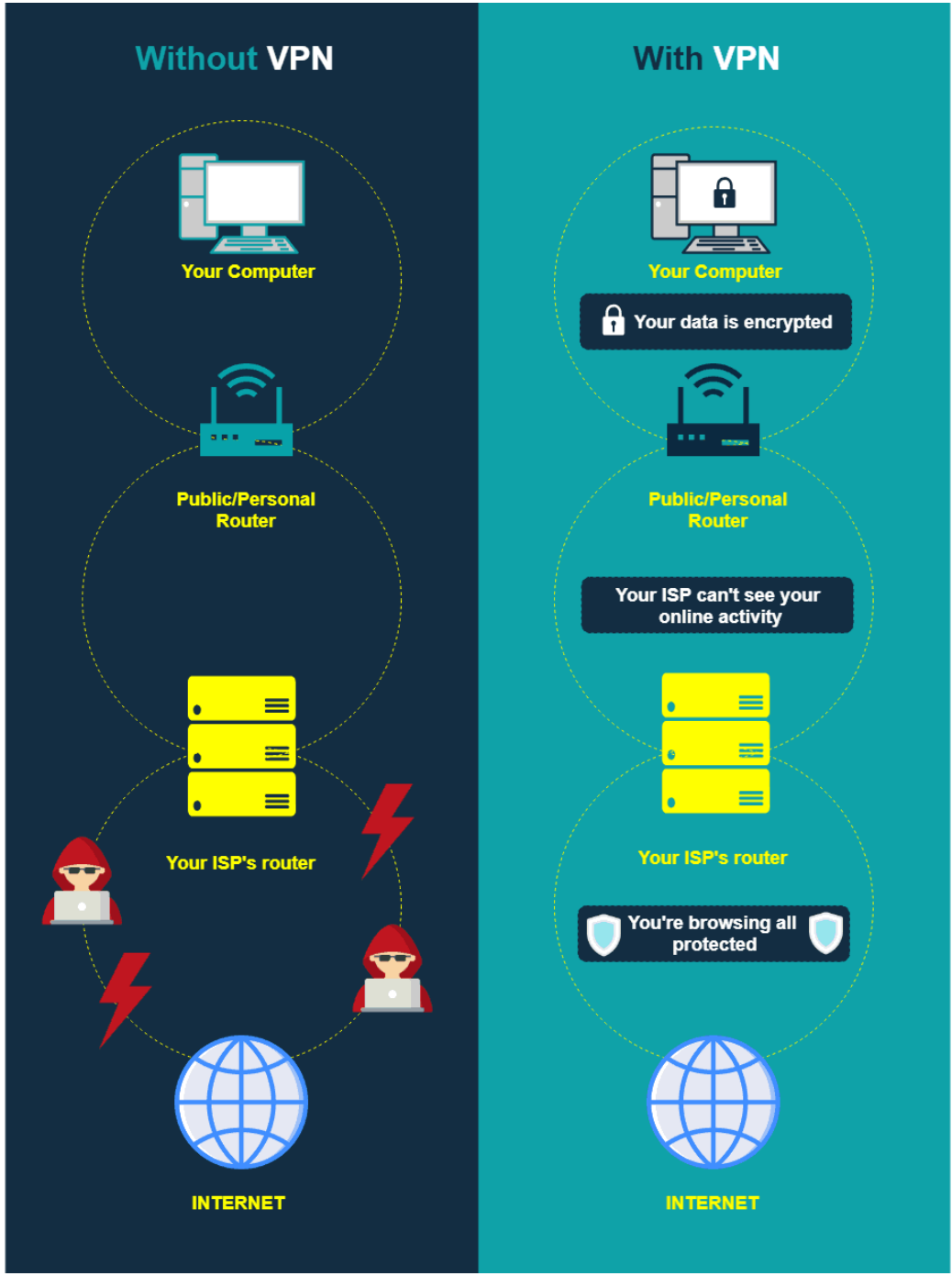
# Keeping it Cyber Secure

**New Software Systems require thorough set up and integration**

**Rushed implementation can cause security flaws in your infrastructure and network**

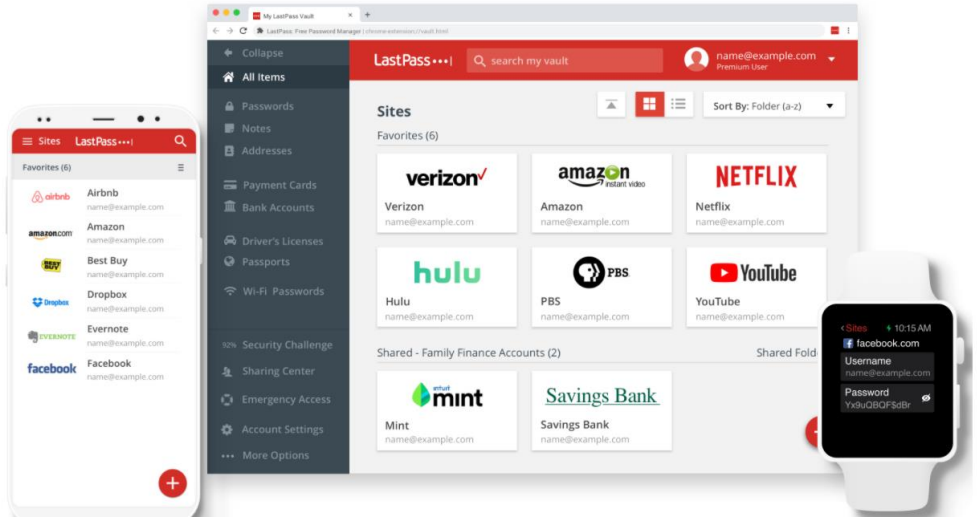
## VPN (Virtual Private Network) is essential for home working when employees are using home internet

Using a VPN provides several advantages for businesses. The most important benefit though is data security. When an offsite employee sends data through a VPN, it is encrypted, so even if a hacker can intercept that data, they won't be able to use it.



**Strong passwords are crucial to keep all these new cloud-based accounts secure. A password management system can generate and remember them all**

LastPass •••|




Auto Generates strong passwords

One password required to access all other passwords

Share securely with team members

# Cyber Essentials – The baseline for Cyber Security in your business

Cyber Essentials is a Government-backed and industry-supported certification scheme that helps businesses protect themselves against the growing threat of cyber attacks and provides a clear statement of the basic controls organisations should have in place to protect them

- Re-assure customers that you are working to secure your IT against cyber threats by protecting their data
- Attract new business with the assurance you have cyber security measures in place
- Understanding of your organisation's cyber security
- Allows you to do business where some Government contracts require  certification
- Free Cyber Security Insurance when you get certified

# Thank you

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