

O2 Gateway

Services guide

Click on the
buttons and tiles
to navigate

Get Started

Version 1.0

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Registered Office 260 Bath Road Slough SL1 4DX.

more for you **O₂**

Starting the journey



1 This guide is designed to help you see how O2 Gateway can help to digitally transform your organisation.

2 Tailor your journey by entering your organisations' name and number of sites. We won't see or save this information until you send it over to us or book a Discovery Session with one of our Sales Specialists.

Company name:

Number of sites:

Click each step to carry on the journey



What is O2 Gateway?



- 1 O2 has recognised the need for convergence of connectivity and IT services.

We have invested in a market-leading platform, O2 Gateway, that combines Mobile, Fixed and Wifi networks with seamless access into Cloud and Unified Communications services all managed end-to-end by a single supplier.

Click here to play the video

2



Step 1:
Company Details

Step 2:
What is O2 Gateway

Step 3:
Challenges

Step 4:
Solutions

Step 5:
Summary

Next steps

Your challenges



1 Customers are choosing O2 Gateway to resolve their issues.
Tick the boxes below to highlight your organisations' top challenges.

- 2**
- Multiple connectivity suppliers are difficult to control and manage
 - Our current comms estate stops us from gaining competitive advantage
 - Our operations are legacy and engrained in the 'way we do things' causing inefficiency
 - Our IT infrastructure is becoming increasingly expensive
 - We cannot/find it difficult to access our corporate network outside of the office
 - Employees are demanding more flexibility and mobility
 - Collaboration and productivity is halted by our connectivity
 - Our providers don't understand our digital strategy and aims

Choose all
that apply

Step 1:
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Next steps

Solutions



1 O2 Gateway is the foundation for multiple services and applications. Tick the solutions that your organisation is interested in below.

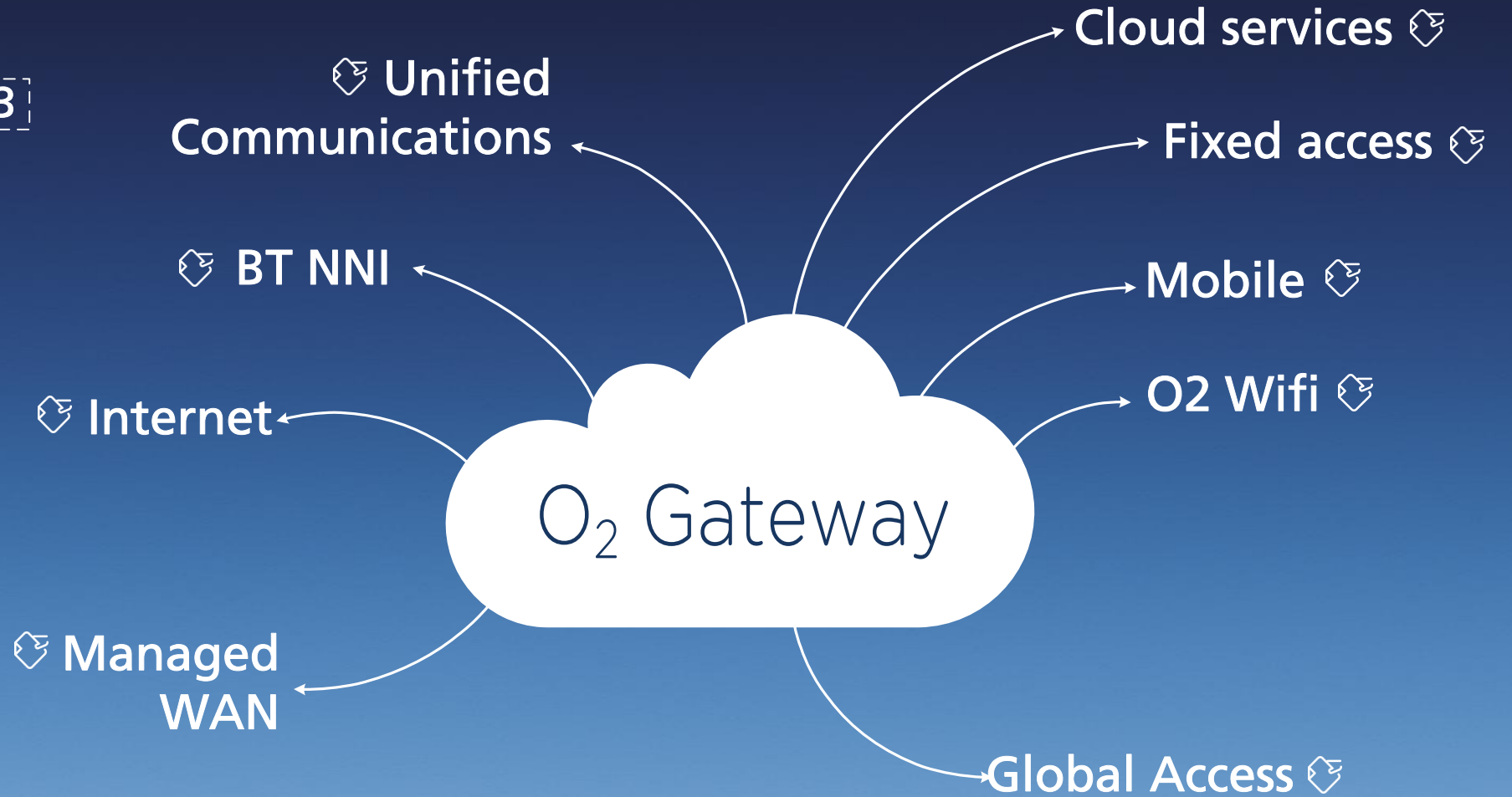
Click on each solution to find out more.

2

- Unified Communications
- BT NNI
- Internet
- Managed WAN
- Cloud services
- Fixed access
- Mobile
- O2 Wifi
- Global Access

Choose all that apply

3



Your summary



1 Company name:
Number of sites:

2 Challenges

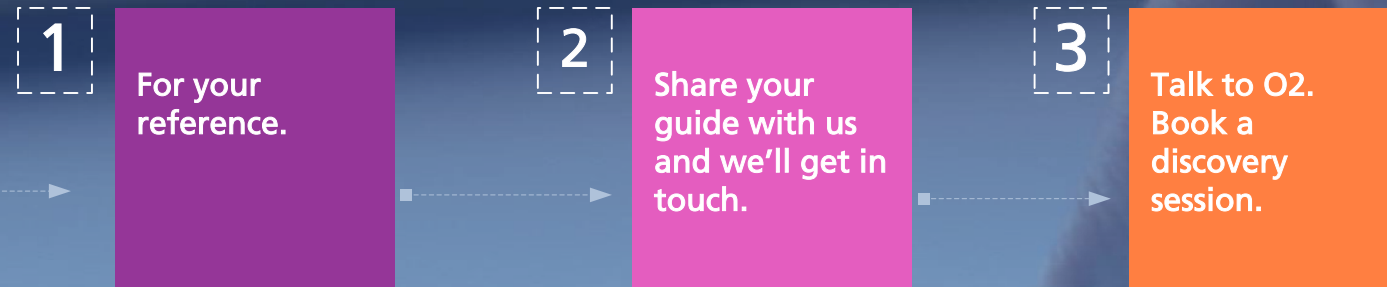
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3 Solutions

<input type="checkbox"/> O2 Wifi	<input type="checkbox"/> Virtual Private Cloud	<input type="checkbox"/> Public Cloud Connect	<input type="checkbox"/> Managed WAN	<input type="checkbox"/> BT NNI
<input type="checkbox"/> Ethernet	<input type="checkbox"/> Broadband (WBMC xDSL)	<input type="checkbox"/> Fixed Mobile	<input type="checkbox"/> True Mobile 3G/4G	<input type="checkbox"/> Compliance
<input type="checkbox"/> Global Access	<input type="checkbox"/> Internet	<input type="checkbox"/> Skype for Business	<input type="checkbox"/> Hosted Micloud	



Next steps



Choose what
you'd like to do

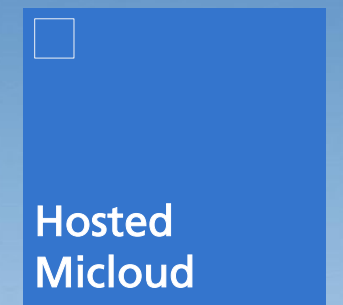
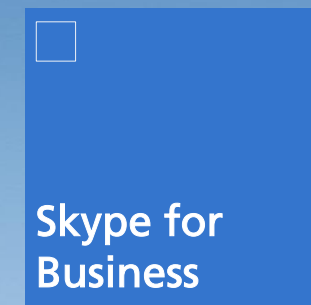
Unified Communications

1 Integrate real-time services such as instant messaging, video conferencing and data sharing into your IP telephony system, along with voicemail, email and SMS. Add smartphones and tablets to make collaborative working business as usual.

As O2 Gateway brings together our fixed, mobile and Wi-Fi networks into a single integrated platform, it offers quick deployment of communication and collaboration tools; easy, reliable but secure access to corporate data.

2 **Skype for Business**
This solution gives you everything you need to remain productive, integrating instant messaging & presence (IM&P), peer-to-peer (P2P) calling, conferencing, file sharing, desktop sharing, PSTN access and more.

3 **Hosted MiCloud**
Hosted MiCloud from O2 is a cloud-based IP telephony and Unified Communications (UC) solution that is designed to support people as they work from anywhere, and on any device.



Cloud

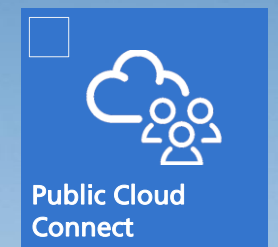
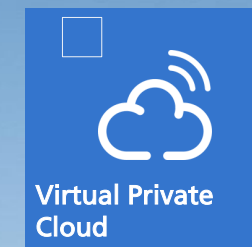
1 O2 Cloud is fully integrated with O2 Gateway, meaning access to both Virtual Private and Public cloud connectivity is seamless.

We manage a central cloud platform which delivers processing power, network connectivity and storage hardware.

From within the service portal, customers can rapidly provision computing power, with template and user-/role-based security. So it's quick and easy to spin up and take down servers as needed.

2 **Virtual Private Cloud**
Provides both IaaS and PaaS capabilities, which can be monitored and provisioned from a central portal.

3 **Public Cloud Connect**
Benefit from uncontended connectivity to Cloud Service Providers such as Amazon Web Services and Microsoft Azure. So you can enjoy public cloud services with peace of mind.



Mobile

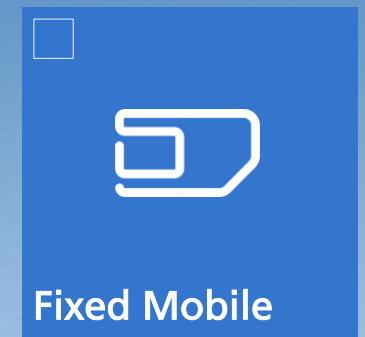
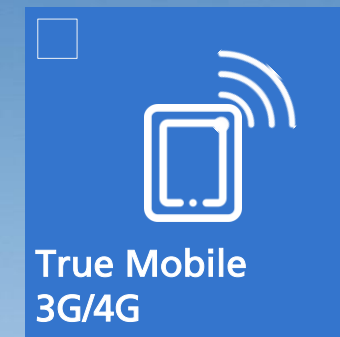
1 We're proud of our network. Of its heritage and its future. 25 million customers. Rated #1 for the 7th year running by Ofcom for Customer Satisfaction. It's secure. We're the only network to have CAS(T) certification for voice and data services.

We're committed to 98% indoor coverage by the end of 2017, and integration of our 3G and 4G networks directly into O2 Gateway means that you have a simple, direct connection for remote workers and devices into your corporate network.

There's no need for private VPNs to keep your traffic secure across the internet as all mobile devices will have private access points, specific to the corporate network, keeping data separate and secure from the internet.

2 **True mobile 3G/4G - aka Private Mobile Datalink (PMD)**
Allows your cellular devices on the O2 mobile network to connect into your corporate network.

3 **Fixed mobile**
You can use 'fixed mobile access' as a primary connection where fixed access technologies aren't possible. Or, use as back-up to provide resilience.

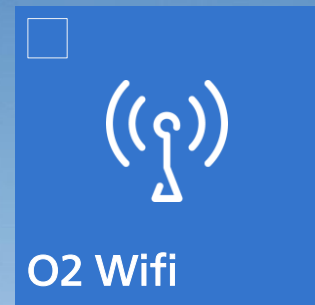


O2 Wifi

- 1** Wifi for everyone. Fully managed by O2. Wifi and WAN services help you run your organisation and exploit the Internet of Things (IoT).

Connect your employees and customers with a choice of O2 Wifi offerings: Public, Office and Pro.
- 2** The ability to brand the O2 Wifi login page and capture rich insights through our mobile marketing arm, Weve, helps your company with targeted marketing campaigns.

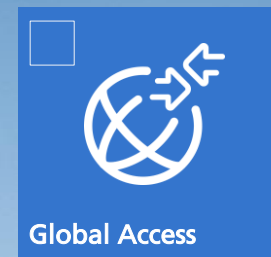
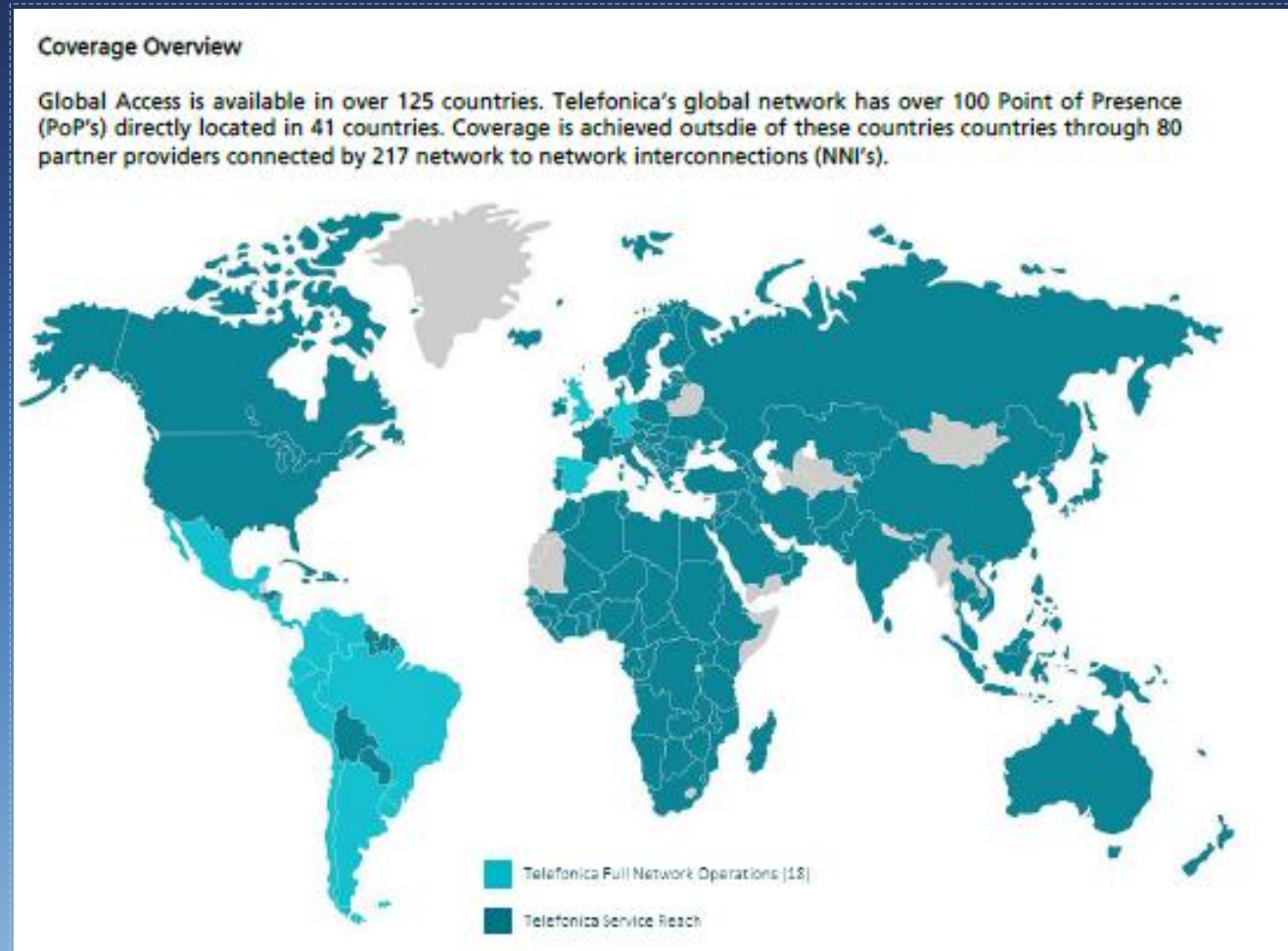
-  **6 million** new registrations in the last year
-  **1 in 3 UK adults** are registered users of O2 Wifi
-  **23 Million Registered wifi customers**



Global Access

1 Global Access extends the service coverage of O2 Gateway's UK network to customers' International locations using the global MPLS service provided by Telefonica Global Solutions (TGS). From a customer perspective their global locations are simply additional sites connected to their O2 Gateway service.

2 The service is available in over 125 countries. Telefonica's global network has over 100 Points of Presence (PoP's) directly located in 41 countries. Coverage is achieved outside of these countries through 80 partner providers, connected by 217 Network to Network Interconnections (NNI's).



O2 Gateway Internet

1 O2 Gateway Internet utilises O2 Gateway's core MPLS network infrastructure and carrier grade Internet infrastructure already supporting O2's fixed and mobile Internet services.

The ability to include Internet service as part of a Managed WAN service offers significant benefits to a customer as it is provided from within the cloud, and uses the same access connections to support corporate data, wifi and mobile.

2 O2 Gateway Internet is a premium internet service, designed for fast, symmetrical, dedicated and reliable internet connections suitable for business critical applications, including web site hosting and e-commerce applications.



Fixed access

1 Our fixed network is relied upon by many organisations. We offer all the fixed services that you need to stay connected.

2 MPLS Network Access

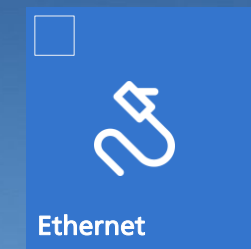
The use of a layer 3 VPN makes the VPN transparent to the access technology.

As a result, sites have a choice of options available for access to the MPLS network: Ethernet, xDSL, FTTx, Mobile and Wifi.

Since the network is constructed on the IP level, connectivity is achieved between the various sites even when the access protocols (L2) are different.

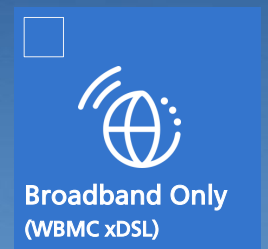
3 Ethernet

Access via Ethernet ranges from 4Mbps to 100Mbps and from 40Mbps to 1Gbt. It is offered in three flavours: Standard, Secure and Secure + depending on your availability and resilience needs.



4 Broadband

O2 Gateway offers ADSL and FTTC connectivity. If you are after speeds greater than 10Mbps then the recommended option is Superfast Broadband (FTTC).



Compliance

O 2 – The UK’s only **CAS(T)**-certified mobile and WAN provider.

O 2 is the only provider to achieve **CAS(T)** certification over both our mobile and Wide Area Network (WAN) infrastructures.

CAS(T) is a security standard defined by Her Majesty’s Government. It means our network is measured against strict criteria.

At O 2 , the provision of network security is at the top of our priorities.

We believe that for public sector organisations to undergo a digital transformation, it is vital they can feel secure in their network provider.

O 2 is the only network that can guarantee to our customers that we meet the security measures as required by **CAS(T)**, independently verified on an annual basis by an external **CESG-approved** audit company.

O 2 Gateway is the UK’s most appropriately qualified, externally scrutinised convergence platform for official government use.

What’s more, O2 possesses a host of other security-related credentials – including **ISO 27001** certification. We’re also committed to meeting and demonstrating the three tiers of network principles set out by the department of Government Digital Service (GDS).

These cover understanding user needs, ensuring that our services protect data and that they are designed for interworking and flexibility.

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Managed WAN (MWAN)

1 Managed WAN (MWAN) is the underlying capability of O2 Gateway.

It comprises of the O2 VPN network and a suite of optional managed services, including consultancy and management of equipment on your behalf.

MWAN interconnects your sites at IP level based on MPLS technology, meaning you are able to manage your IP traffic needs like never before.



BT NNI

1

BT NNI connects O2 Gateway to BT's IP network giving our customers more connectivity capability.

Essentially, BT NNI makes it even easier to use O2 Gateway by enabling you to connect into your customers or suppliers who use BT's WAN services, enabling 'Intranet' type environments.

O2 has built the BT NNI service with our customers in mind, ensuring the interconnect is resilient and geographically diverse, giving the highest levels of service availability.

