If your organisation is struggling to get critical applications performing at their best, it’s likely you’re not getting the most out of your network.

Networks that aren’t achieving now will struggle even more in the future:

- Business video will account for 73 per cent of IP traffic in 2017
- IP traffic will grow at a compound annual growth rate (CAGR) of 23 per cent from 2014 to 2019. This growth is driving bandwidth and therefore WAN costs to rise
- If your customers can’t get your content to start in less than three seconds, 40 per cent of them will abandon the site
- Applications are critical to your organisation functioning – downtime can cost up to $800k per hour for an SAP implementation
- Lost productivity through poor application performance and experience can decrease the effectiveness of your staff by up to 31 per cent
- Issues with application performance could impact overall corporate revenues by up to 9 per cent.

It all adds up, year on year. Your people could be spending the time gained on critical issues. And you could be spending what you save on core business projects.
How we can help.

Connect Intelligence IWAN from BT offers the next generation of network managed services and application performance management. It's fully integrated into operational systems, not a standalone overlay service. This allows us to provide a more complete managed service.

As one of the world’s leading service providers, we can leverage our Connect Intelligence capability to provide more insight and a richer ongoing service. We have a proven track record that gives us the knowledge to get more out of the capability.

Connect Intelligence IWAN securely improves WAN efficiency and resiliency based on dynamic intelligent path selection and decreases costs by offloading non-critical traffic over the Internet. We monitor, control and improve business critical application performance to achieve business goals as well as enhance the user experience.

A transport independent VPN enables the delivery of applications across the network. So whatever connectivity is available, it can go via that route, be that MPLS, Internet, Satellite, or 4G. It allows you to utilise the cost savings of moving to a hybrid WAN service.

Features of Connect Intelligence IWAN.

• Ability to deal more effectively with increasing bandwidth and traffic optimisation demands.
• Application visibility.
• WAN traffic balancing.
• WAN optimisation.
• Application experience.
• Network consultancy.

Service.

The services provided by Connect Intelligence IWAN gives enhanced application visibility and analytics, which are available via centralised, user friendly reporting. This gives you and BT deep insight into your application and network performance.
### How does it work.

#### Application visibility.
- Identify and classify over 1200 applications.
- Monitor basic flow statistics, response time, latency, jitter, and other performance metrics by application.
- Set different quality of service (QoS) priorities based on applications.
- Export application performance metrics, using Net Flow Version 9 or IP information export.

#### Benefits:
- Improved quality of user experience
- Better network capacity management and planning through greater visibility
- Faster troubleshooting and less network downtime.

#### WAN traffic balancing.
Performance routing delivers intelligent path control for application-aware routing across the WAN. This provides:
- Dynamic selection of the best path for applications; based on business policies
- Application-based load balancing across all available connectivity for optimum utilization of bandwidth with improved network availability.

#### Benefits:
- Reduced WAN operating expenses
- Full utilisation of all WAN bandwidth by efficiently distributing traffic based on load, circuit costs, and path preference
- Improved application performance with per-application best-path selection based on delay, loss, and jitter measurements
- Improved application availability.

#### WAN optimisation.
The compression of data through your network provides:
- Acceleration of your data and applications
- Reduced branch office footprint through server and service consolidation.

#### Benefits:
- Improved user experience
- Reduces need for costly network upgrades.

#### Application experience.
Local level caching of your data:
- Allows you to offload traffic from the WAN and Internet.

#### Benefits:
- No buffering on devices, no jitter and faster playback
- Improved user experience
- Reduced impact of uncontrolled BYOD environment software updates.
BT Network Application Assessment.

The BT Network Application Awareness service gives you access to skilled resources who understand networks and application performance. The consultant will work with you on an agreed monthly basis to provide support on the network and application performance.

This will help you to understand any issue or performance on your network:

- Monitoring and analysing the performance of business critical applications in your organisation
- Resolving issues with QoS performance, packet drops, traffic queues and performance degradations
- Providing insight into how end users experience the performance of your application with interpretation of the data.

Why BT.

Why a BT Connect Intelligence IWAN solution:

- One single solution – all the benefits this brings
- Value added services – offered in a flexible way
- Our service wrap
- Our flexible commercial wrap
- True global deployment
- Enables you to derive all the benefits of a hybrid network
- Enables the best experience for applications in the cloud
- Gives you more space back in data centre – less equipment at site
- No truck roll for incremental services.

Why a BT managed solution.

- Advanced service wrap including advisory service to set-up plus in-life performance routing & application performance management consultancy.
- A single support contract.
- Proven experience in the Connect Intelligence environment.
- Integrated into your network rather than an overlay system.
- A proven reputation of delivery and innovation over 25 years.
- We do what we say and innovate to deliver.

Ensuring that your network operates effectively, efficiently and securely is a complex task. BT can help. BT provides a full range of services that enable you to perform with confidence. We are at the forefront of network solutions.

Get in touch with your BT Account Manager to find out more about BT’s Managed Connect Intelligence IWAN services.