

Pre-Deployment Network Assessments



Understanding the impact of new technologies is essential in preparing for planned implementations. Whether you are deploying VoIP, video, a wireless network or seeking to understand if your LAN provides a suitable platform for a unified communications implementation, there is one key question that needs to be answered:

Will your current network be able to support the new demands placed on it?

For any new deployment to be successful a clear understanding of the network is the first step. Networks First's assessments will identify upfront any modifications required so you have a complete understanding of the development and planning requirements for your project.

A Pre-Deployment Assessment ensure you:

Benefit from our Knowledge Base

Our Professional Services team specialises in managing networks through the network lifecycle. Skills sets in the team cover specialist vendors as well as industry leading and specialist suppliers.

Pre-Deployment Network Assessments are an unbiased review.

They can be undertaken for:

- VoIP or IPT implementations
- Video conferencing projects
- Unified communications planning
- Wireless LAN implementations

Save time and money

Failed deployments aren't just embarrassing, they cost money. Upfront identification of issues ensures you can plan ahead and adjust for any potential pitfalls identified.



Service Options:

VoIP Implementations

Certified to conduct Cisco and Avaya CIRS tests since 2005, Networks First is able to perform manufacturer agnostic assessments using software that is recognised by industry standards for modeling voice quality. Network First is also certified to undertake Mitel testing.

Wireless Site Survey

The wireless site survey can cover traditional DECT as well as IP standards. A more comprehensive assessment is the Network Maturity Assessment which establishes the technical and commercial effectiveness of your network.

Video Readiness Assessment

The Video Readiness Assessment simulates traffic over the network to provide information on whether the network can support IP video prior to the deployment of the solution. Measures for this include; delay, jitter and packet loss.

Unified Communications Planning

Pre-Deployment Assessments are bespoke and dependent on your start point and how you plan to phase your migration to a more unified platform. Video conferencing can be a consideration as a part of this overall service or is available as its own network assessment.

What you get with a Pre-Deployment Assessment.

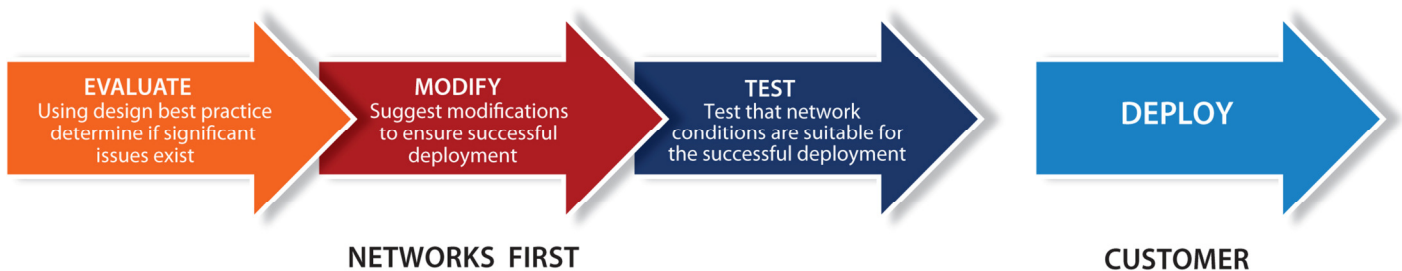
The assessment will provide you with:

Manufacturer specific and industry design and implementation best practices for IP telephony, wireless or unified communications implementation.

Active testing - e.g. For a Pre-VoIP deployment assessment we would simulate VoIP traffic to determine industry standard voice quality MOS ratings through typical voice paths anticipated through the network infrastructure.

Executive report – Summarises findings and provides a set of conclusions and recommendations as appropriate to ensure the network is fit for purpose for the proposed project.

Fig 1: Phases of the Pre-Deployment Assessment



Our commitment

At Networks First our commitment is to **Do More**. We achieve this through our multi-vendor engineering skills, our guaranteed SLA and 'fix' time and employee dedication to go that extra mile. All of this ensures we can **guarantee** your communication infrastructure.

For more information on Networks First's **Guarantees, Accreditations and Services Portfolio**,

visit www.networksfirst.com