BYOD High Level Architecture

See Kay Leong **(2 mins)**

What you're seeing is a high-level solution architecture for BYOD. A comprehensive BYOD solution must provide for wired, WiFi, remote, and mobile access to the network. This must be supported across different device types and brands, and must be capable of enforcing thee various policies across the spectrum of businesses and industries.

The figure shows a high-level illustration of Cisco's BYOD solution architecture. This is critical, because in any BYOD strategy you need to consider comprehensive access to the corporate network for a wide range of devices as shown on the left of the figure. By comprehensive access I meant access to the corporate wireless LAN, wired access in major campuses, wired and wireless access in branch and home offices, as well as remote access over the Internet, mobile 3G/4G, and public WiFi hotspots. Any design that does not consider the broad range of possible network access contexts will fall short of providing a manageable and scalable solution for IT.

BYOD security and device management are the foundations of an enterprise BYOD strategy. All mobile worker types and functions must be considered before deploying solution. Organizations need to consider solutions across the security sub-segments that secure endpoints, provide protection for the corporate network, and protect data as it moves over their infrastructure. End users need to be aware of and understand corporate BYOD policy for a successful, secure enterprise mobility roll out.

This is a quick summary of the BYOD solution architecture.