

# Mitel 8600 Series IP Phones



Mitel's suite of multiprotocol wired and wireless phones addresses an enterprise's dynamic communications needs. IP phones enable organizations to choose how they want to have their features delivered. Users can access features through traditional means via the phone or through their PCs using applications such as Mitel Unified Communicator® (UC) 5000 (formerly Inter-Tel Unified Communicator) software. Whether your customer requires basic or advanced call handling capabilities; presence management software; mobility tools; desktop phones or both; single or multi-site solutions; or even the ability to integrate third-party phones, Mitel's suite of multiprotocol IP phone solutions provide the enterprise with a variety of choices to address their business challenges.

Mitel's multiprotocol IP phones also allow the user to choose between Mitel Protocol or SIP modes, depending on their specific needs. Mitel (formerly Inter-Tel) Models 8600, 8622, 8662 and 8690 can be configured in either mode. Mitel Model 8601 only operates in SIP mode. Models 8664 and 8665 operate in Mitel Protocol mode only.

What is Mitel Protocol mode?

When an IP phone is in Mitel Protocol mode, it operates like a traditional Mitel phone. In comparison with SIP mode, Mitel Protocol mode allows your customers to use all of the features and functionality that the system provides for a traditional phone. Mitel Protocol mode does not allow your customer to connect to another vendor's switch.

What is SIP mode?

When a phone is in SIP mode, it uses session initiation protocol (SIP) to connect to the Mitel SIP Server v1.1 or later. One advantage to running in SIP mode is the use of the shared extension feature. A shared extension allows up to five SIP phones to use the same extension number on the system. This is advantageous because callers only have to call one number to reach an individual. An incoming call rings all of a user's devices at once, allowing him/her to pick up the call from whichever location is most convenient. Plus, the user only has to manage one voicemail box, and only one port is used on the system. Additionally, SIP mode is advantageous because it enables IP phones to interoperate with third-party SIP solutions.