

## Tadiran Ships UCx for SMBs, Updates Coral IPx and Coral Sea Softswitch

**Takeaway :** Tadiran introduces the UCx (Unified Communications eXchange), a new entry level platform for smaller businesses or networked remote offices. UCx is a compact, rack-mountable unit that handles up to 120 users and 30 SIP trunks and houses ports for digital or analog connections. UCx can also be configured as a TDM gateway for Tadiran's Coral Sea Softswitch. For now, UCx will add to the company's product line, but the market will determine whether UCx will replace any of the earlier Coral models going forward; UCx is similar in scalability to the company's Coral IPx Office (to 150 IP users). Tadiran has also entered into an OEM agreement with Polycom to rebrand the Polycom SoundPoint IP 335, 450, 560 and 670 telephones as the Tadiran P-Series. These SIP telephone options are now available for customers that deploy the Tadiran UCx, Coral IPx or Coral Sea Softswitch systems. Tadiran will resell other Polycom products through its distribution channel. Read more about Tadiran UCx and Coral IPx R16 below and visit [www.telecomtactics.com](http://www.telecomtactics.com) for more on the IP PBX market.

Tadiran Telecom recently updated its Coral IPx product line and introduced a new entry-level system called UCx (Unified Communications eXchange) as an all-in-one platform for small or mid-sized businesses (SMBs) or remote networked sites. UCx supports IP switching and comes with built-in voicemail and unified messaging, traditional and advanced telephony features and support for a variety of user devices, including SIP and MGCP-based telephones, softphones and WiFi handsets.

### UCx Hardware and Built-in Features

UCx is a self-contained, rack-mountable unit (19-inch rack-mount 1U unit) that supports 30, 60 or 120 users and SIP trunking (30 trunks), but also has built-in gateways for analog and digital trunks and stations. The unit houses one ISDN PRI interface, four FXS ports and four FXO ports. UCx can be networked other Tadiran systems via QSIG over IP for basic networking, or UCx can be part of a private network of up to 250 systems using QSIG over ISDN and/or IP and Tadiran's proprietary IPNET protocol. This unit can also be configured as a TDM gateway for the Coral Sea Softswitch.



As an all-in-one system, UCx has a number of built-in capabilities, including Tadiran's SeaMail messaging application for voicemail (all users) and unified messaging (10 seats included standard). ACD (Automatic Call Distribution) functionality is standard and enables incoming call distribution to multiple groups (up to 120 agents and 250 agent groups), and the agent telephone display shows Caller ID, call type and number of calls waiting. Optional software packages are available for reports, statistical analysis, real-time displays and historical data storage. Cell phone and desk phone twinning is possible via the Tadiran's Freedom-FlexiCall feature; the cell phone can access system features such as paging, out bound calling and conferencing. The Coral SeaBeam softphone enables peer-to-peer video calling.

### New P-Series SIP Phones

Tadiran P-Series SIP phones (rebranded Polycom SoundPoint phones) are available for the Tadiran UCx, as well as Tadiran Coral IPx and Coral Sea Softswitch systems. The phones offer HD Voice, Gigabit Ethernet switching and a color display on some models. Specifically, P-Series IP Phones with HD Voice include: P-335 (2-line, entry), P-450 (3-line), P-560 (4-line, enterprise-class Gigabit Ethernet) and the pictured P-670 (6-line, enterprise-class Gigabit Ethernet, color display, color expansion modules).

## Coral IPx Release 16

Tadiran also enhances its Coral IPx systems with Release 16, improving the features supported by P-Series and third party SIP phones (BLF, Handsfree Intercom, Feature Indication are added). Tadiran is discontinuing its own T20X SIP telephones, but will continue to manufacture the T20X MGCP versions. R16 also adds SIP over TCP support which allows Microsoft Exchange to be used for unified messaging, and customers that deploy Microsoft OCS or Lync can use the Coral IPx as a SIP-to-PSTN (PRI or analog trunk) gateway instead of other gateways such as those from AudioCodes. Also, Microsoft OCS or Lync desktop clients can now control a Coral IPx telephone for calling features such as hold, transfer and conference, plus presence and instant messaging functionality (CSTA support over XML).

Availability/Compatibility: Tadiran's UCx is available now worldwide (list price is \$110 per user or less). For now, UCx will add to the company's product line, but the market will determine whether UCx will replace any of the earlier Coral models going forward. For smaller businesses, Tadiran also sells the Emerald ICE Key System (64 users) and the Coral IPx Office which scales to 150 IP users in a single cabinet or to 240 IP users per IP gateway card if Coral IPx 500 or 800 expansion cabinets are added. Tadiran P-Series SIP telephones (rebranded Polycom SoundPoint phones) are available for the Tadiran UCx, Coral IP x or Coral Sea Softswitch systems. [www.tadiranamerica.com](http://www.tadiranamerica.com)