Creating a new world
of IPportunities
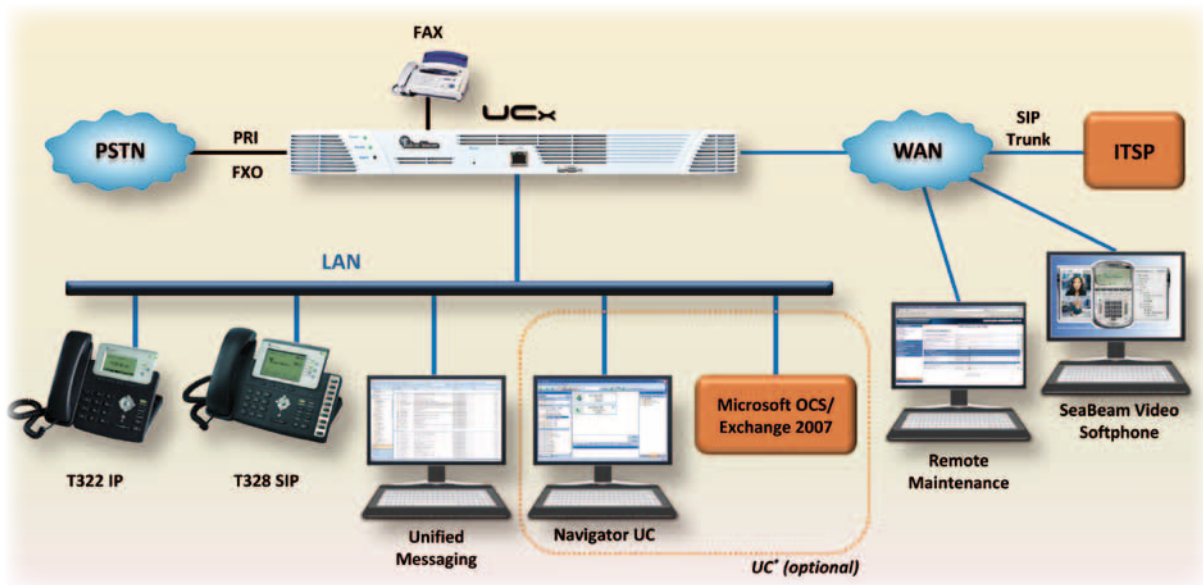
SMB
Solutions

UCx

Large System Capabilities for Small Businesses

Tadiran Telecom

Simplifying Communications
for the Small and Medium Office

The UCx (Unified Communications eXchange) is Tadiran's pure IP communications solution for the small and medium business. Optimally configured to meet the needs of your business, UCx is a powerful, yet affordable off-the-shelf standalone system. All-inclusive by design, it boasts a multitude of telephony features and is designed for ease-of-use. You simply plug in your favorite phone and start communicating. In a class of its own, UCx has much to offer.
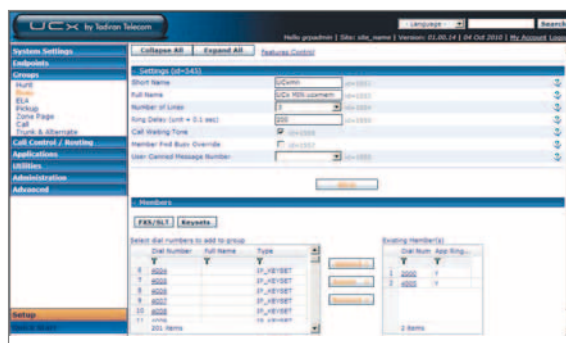

UCx Highlights

- **IP** — offering state-of-the-art IP switching capabilities that integrate with your data network

- **Unified Messaging** — built-in Voicemail and Unified Messaging

- **Feature rich** — including hundreds of standard and advanced telephony features

- **IP terminal support** — including SIP, MGCP, Wifi, softphones, and HD terminals

- **Remote update capabilities** — for software, firmware, and system files via TFTP

- **Compact footprint** — powerful capabilities in a 19" rack-compatible 1U unit

- **SIP trunk support** — compatible with ITSP facilities worldwide

- **Built-in gateways** — including 1 PRI and QSIG interface, 4 FXS ports, and 4 FXO ports

- **Networking** — connection to other foreign and Tadiran systems via QSIG and Tadiran's IPNET

- **Security** — network zone isolation

UCx Business Benefits

- **Pure IP switching** — runs over the office LAN with no need for extra dedicated wiring

- **Highly reliable** — proven Tadiran technology inside (both hardware and software components)

- **Simplicity** — easy to install, maintain, and administer via a web-based admin interface

- **Billing** — integration with standard billing systems

- **Efficient** — UCx is environmentally friendly and power efficient

UCx Admin

UCx is easy to administer and maintain remotely via a secured, user-intuitive web-based admin. It allows for simple configuration of all system devices and features from anywhere, from all aspects of installing a new system, to adding and removing phones, trunks and users, and registering and customizing all terminals. The web admin also offers advanced, easy-to-use tools for effective remote management, including key activation, software and firmware upgrade, as well as database backup and restore functionality.

UCx Applications

- **Unified Messaging** — integrated voice, email, fax (T.38), and extensive Auto Attendant
- **Mobility** — featuring Tadiran's Call Through, Reach-me-anywhere (Forking), and Callback
- **Unified Communications** — Navigator desktop client (optional), MS-OCS / Exchange 2007 integration
- **Conferencing** — controlled multi-conference unit with up to 16 participants
- **Video Conferencing** — using Coral SeaBeam softphones
- **Terminals** — multiple phone functionalities, including surveillance cameras and SIP door phones
- **ACD** — cost-effective call center for intelligent incoming call routing (optional reporting package)
- **Billing** — integrates with third party billing systems to provide CDR (Call Detail Records) reports
- **Voice Logger** — integrates with third party logging systems
- **Networking** — connection over IP to other UCx and Tadiran systems
- **Computerized Attendant Position** — FlexAttendant softphone for attendants and users

UCx Features

UCx offers hundreds of basic and advanced telephony features including:

- ARS (Automatic Route Selection)
- Emergency — Enhanced 911
- BLF — (Busy Lamp Field)
- Malicious Call Trace
- Toll Barrier
- Music — On Hold
- Speed Dialing
- Programmable Keys
- Forward — No Answer, Busy & Undefined
- Divert Call
- Call Log
- Caller ID Control — Allow & Restrict
- Call Park
- Pickup — Directed & Group
- Last Number Redial

- Conference Calls — Multi-Party & Meet-Me
- Attendant Console features
- Hotel features
- Group Call
- Shared Extension Line Appearance (ELA)
- Boss/Secretary
- ACD & UCD
- Paging — Private, Zone, & Public Address
- Page Queue
- Day & Night Service
- Directory — Private & Shared
- Libraries — Private & Public
- Break-in
- Wrap-up
- Login & Logout

UCx Specifications

Terminals	Analog: 4 FXS MGCP: T200M, FlexSet-IP, and FlexIP (FLIPS) softphones SIP: T300, T200S, SeaBeam softphones and other standard 3rd party and video phones Supports 30, 60, 90 or 120 IP terminals (SIP & MGCP)
Trunks	E1/T1: 1 configured to PRI and QSIG Analog: 4 FXO with power fail support IP: 30 (SIP Trunk / Tadiran's IPNET)
Media	G.711(aLaw/µLaw), G.729, G.723.1, any p2p connection codecs (H263, G.722, GSM, etc.), G.168, VAD/CNG, DTMF (Detection & Generation), Music/Page, 3W/Conf, and CID
Traffic	20,000 Busy Hour Call Completions (BHCC)
IP Protocols	SIP, MGCP, HTTP, HTTPS, TFTP, NTP, RTP, RTCP, SDP, CSTA, and T.38
Unified Messaging	Solid state disk with over 200 hours of message recording time
Dim. & Weight	**19"/1U** – Height: 1.75" (4.5 cm), Width: 16.5" (42 cm), Depth: 13.4" (34 cm), and 7.5 lbs (3.4 kg)
Environmental Conditions	Operating temperature: 32-104°F (0-40°C) Operating humidity: 20-80% Relative, non-condensing Heat dissipation: 137 BTU/Hr Maximum power consumption: 40 Watt
Standards Compliance	CE, TUV Safety, CB Scheme (IEC 60950-1), EN 60950-1, AS/NZS60950.1, EN 55024, EN 55022, AS/NZS CISPR22, FCC Part 15, FCC part 68 Note: For other country-specific compliances, contact your local dealer.

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