

## EXTender™1100A Series (replacing the 1000U series)

Extend corporate telephony features to teleworkers with analog lines

Citel's EXTender™1100 gives teleworkers and other single users access to the same telephony features as corporate office staff.

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Reduces communications costs

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Extends the life of the corporate PBX

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Ensures outstanding voice quality

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Works seamlessly with Avaya™ and Nortel™ systems

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Works only in dial up (POTS) lines. Does not work on Leased lines or "dedicated" copper pairs

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### The Citel EXTender™/PBXgateway™ Product Suite

Distributed enterprises utilizing a central PBX with advanced features and applications require migration solutions that leverage existing infrastructure investments, but also pave a road to the future of IP telephony. Citel's EXTender™/PBXgateway™ product suite accomplishes both objectives. Branch offices, call centers, mobile workers, and home-based workers connect seamlessly to the corporate voice network, while the enterprise extends the useful life of the existing PBX. As a result, enterprises achieve:

- o Lower monthly telecom operating expenses through unified dialing plans and IP network utilization.
- o Increased productivity through centralization of PBX management combined with distribution of PBX features and applications across the enterprise.
- o Elimination of individual PBX or Key Systems at branch offices and call centers.

Citel's EXTender™/PBXgateway™ telephony solutions are designed for operational simplicity. Configuration, management, administrative, and diagnostic functions are accessed using a dial-up modem, local terminal, HTML, or Telnet connection.

During the transition from digital to IP telephony, smart enterprises require the best from both. With a broad product suite for enterprises with configurations ranging from a single teleworker to a large network of branch offices and mobile employees, Citel has the right managed telephony migration solution for you.

### Product Features

Citel's EXTender™ 1100A gives teleworkers and other single users seamless remote access to the corporate voice and data networks and associated applications. The EXTender 1100A is a smart choice for enterprises managing remote workers lacking a broadband Internet connection.

Setup and configuration are straightforward. Simply connect EXTender™ 1100A remote units at the remote location over an analog POTS line,

and EXTender™ 1100A switch units at the central PBX location. Installation is accomplished easily using a PC and hyper terminal.

### Key Benefits

#### Increased Productivity

Teleworkers and other remote employees are able to access PBX/KTS dial tone, receive office-bound calls, and invoke business calling features such as internal dialing, transfer, hold, and conference. Users who also maintain a workstation at the corporate office can provide callers with a single reach number, and enjoy the convenience of one voice mailbox for all messages. And the easy system maintenance frees up your IT staff's valuable time as well.

#### Cost Savings

Telecommunication costs fall by up to 30% just by administering all PBX users from a single location and platform. And with access to internal (four-digit) dialing, there are no toll charges when calling any office within the enterprise, regardless of physical location. Further, placing regular long-distance and international calls through the corporate voice system keeps all employees on a unified dialing plan.

#### Flexibility

The EXTender™ 1100A interoperates with Avaya™ Definity™ and Magix™ as well as Nortel Meridian™ and Norstar™. Your enterprise can leverage its existing call control to connect remote users to the corporate voice system. The EXTender™ 1100A is also an affordable, scalable solution for additional teleworkers or other single users. Additional users can be easily added with a standard EXTender™ 1100 configuration at the remote location, and a second EXTender 1100™ at the PBX.

# Technical Specifications - EXTender™ 1100A Series

## Description

Single-user remote client device  
Single-user switch device

## Capacity

1 port (both devices)

## Supported Handset Models

The Citel EXTender™ 1100A supports leading handsets, including popular models from certain manufacturers with compatible PBX protocols (see list below)

## PBX Interoperability

The Citel EXTender 1100 supports leading PBX protocols, including:

- oAvaya™: Definity™ and Magix™
- oNortel Meridian™ Option 11c, 61c and 81c
- oNortel BCM40
- oNortel Norstar™

## Citel Equipment Interoperability

E-1000U-SNM, E-1000U-CLM and E-1000U-RNM for Nortel  
E-1000U-SLM, E-1000U-CLM and E-1000U-RLM for Avaya™

## Interfaces, Switch / Remote Units

RJ-45 10/100 Mbps, Half / Full Duplex – Ethernet  
Serial RS-232, RJ45 – Management  
Custom Cable, supplied with units, RJ45 on end terminating to the E-1100A-RUC and RJ-11 terminating to the telephone.  
Power supply

## Voice Protocols

Voice compression algorithm G.729 G.711, G.726 (ADPCM32 and ADPCM24)

## Configuration & Management

The EXTender™ 1100A supports dial-up only (model E-1100A only) analog connections. Must be terminated by either an EXTender™ 1000U switch unit or a EXTender™ 1100A switch unit at the PBX location. The EXTender™ 1100A does not work with leased lines or dedicated pairs..  
Supported Utilities:  
oSerial port(RS-232)  
oPhone display (limited features)

## Physical

Form factor: small footprint, desktop mountable  
Sizes: 6.3" x 5.3" x 1.4" (160mm x 135mm x 34.5mm)  
Weight: 0.7 lbs (300 gms)

## Power

External adapter (included)  
Line voltage: 110-240 V 50/60 Hz  
Output 12V, 1.25A

## Environmental

Temperature: 32 - 104 F (0 –40 C)  
Relative humidity: 5 –95% (non-condensing)

## Regulatory

FCC  
47 CFR Part 15, Subpart B, Class B FCC Part 68, Subpart D

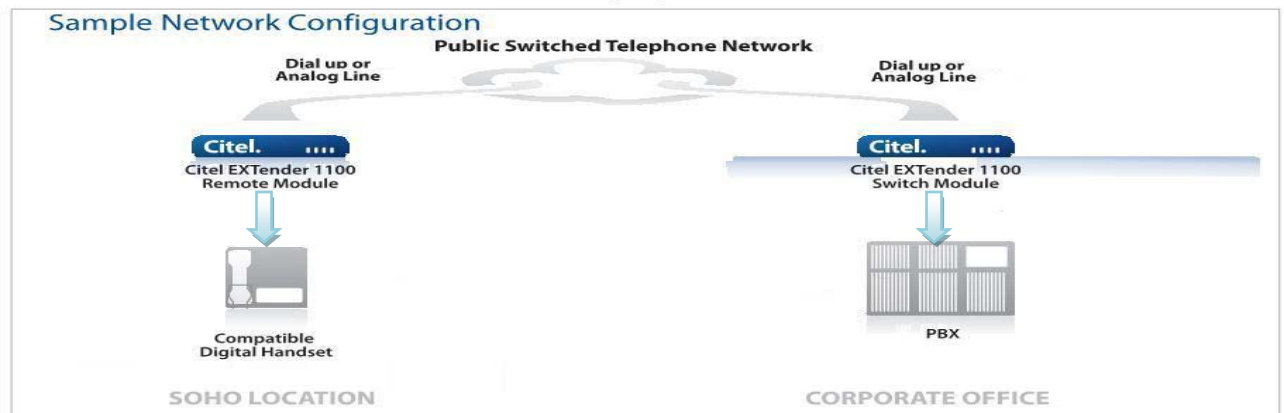
Industry Canada  
CS-03 Part 1 Issue 8

CE Mark  
EN 60950-1 (01)  
EN 55022 (98) +A1 +A2  
EN 55024 (98) +A1 +A2

CSA C22.2 No. 60950-1 (03)  
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## Warranty

One-year limited warranty for parts & labor.  
Extended warranty options available.



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