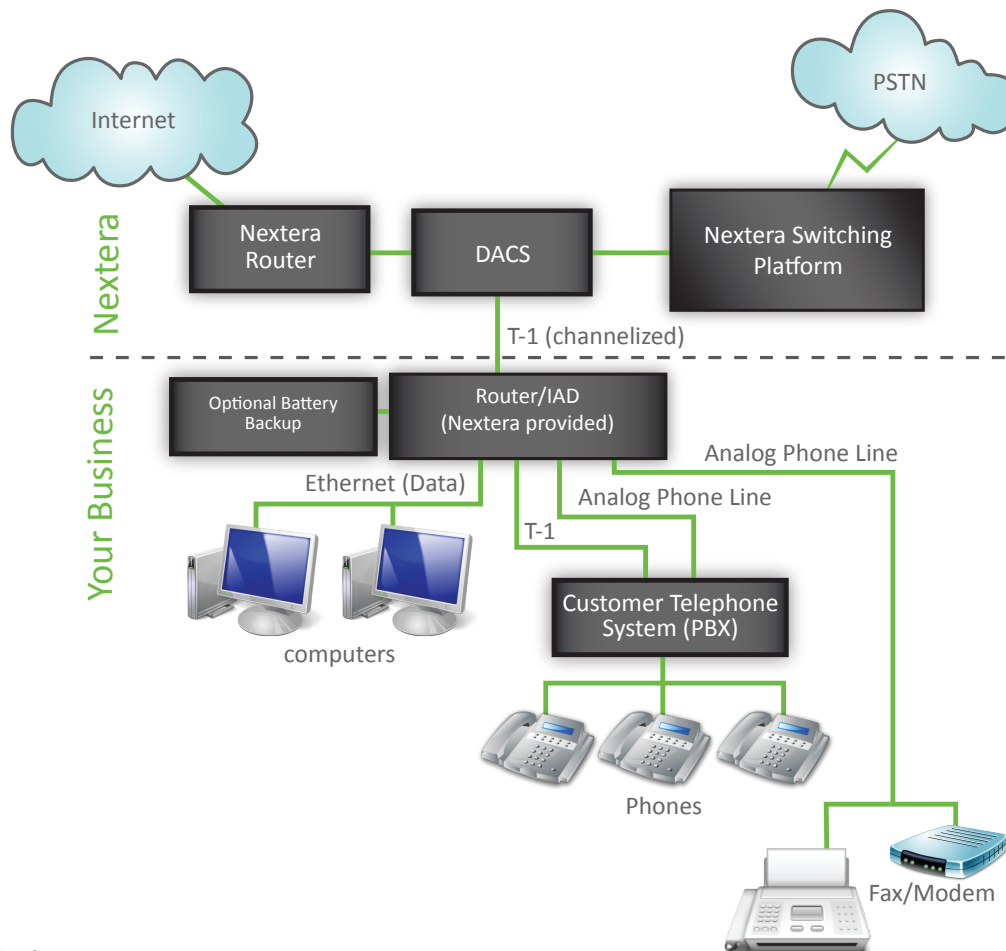


T-1 (CAS/PRI)

Nextera's T-1 delivers a dedicated 1.5Mbps of bandwidth that provides the flexibility, as selected by the customer, to carry voice traffic only, internet traffic only or integrated (combination of voice and internet). This business-class service is symmetrical with simultaneous download and upload speeds of 1.5Mbps at any given time.



T-1 Varieties:

1. A **CAS T-1** is available as voice only, or integrated (combination of voice and internet). CAS T-1 provides up to 24 voice/internet channels. Each voice channel supports one conversation with DID capability. Each channel is 64K of bandwidth which when all 24 channels are utilized, provides 1.5M of symmetrical bandwidth. The customer chooses the number of voice channels and the number of internet channels. A CAS T-1 does not supply inbound Caller ID.

With CAS T-1, optionally choose:

- **T-1 Failsafe** that forwards calls to a customer-selected telephone number when T-1 facility is unavailable.
- **Derived Analog Lines** (lines utilizing channels of the T-1 with analog interface). Most typically used for fax, modem, credit card, alarm or analog phone system.

T-1 (CAS/PRI) *continued*

2. A **PRI T-1** is available as voice only or integrated (combination of voice and internet). A PRI T-1 is the most utilized T-1 service. A PRI T-1 provides 23 voice/internet channels with 64K of capacity. The 24th channel is for signalling and is called the 'D' channel. Each voice channel supports one conversation, inbound Caller ID and DID capability. When all channels are utilized, it provides 1.5Mbps of symmetrical bandwidth. The customer chooses the number of voice channels and the number of internet channels.

With PRI T-1, optionally choose:

- **T-1 Failsafe** that forwards calls to a customer-selected telephone number when T-1 facility is unavailable.
 - **Derived Analog Lines** (lines utilizing channels of the T-1 with analog interface). Most typically used for fax, modem, credit card, alarm or analog phone system.
3. A **Data T-1** provides a full 1.5Mbps of bandwidth specifically for data channels. Bond two T-1s for 3Mbps of bandwidth.

Why Choose Nextera's T-1?

Value

- Capitalize on your equipment investment with a single service that handles both your voice and internet needs.

Efficiency

- Automatically allocates inbound and outbound data and voice traffic based on your business needs.
- Identifies each DID to receive inbound calls only, place only outbound calls only, or a combination, allowing you to reduce the number of analog lines and increase operational efficiency.

Productivity

- No need to re-train employees on basic calling features and functions because equipment doesn't change.
- Grow the solution as your business requirements grow. Scalability is provided by adding additional bandwidth.
- Tie multiple locations together with extension dialing.

Savings

- Create internal efficiencies and eliminate customer run-around to ultimately save time and money by assigning phone numbers (DIDs) to each employee, fax machine, and modem.

Service

- PRI Provides incoming caller ID so you know who is calling. When you are prepared to provide the service your customer deserves, the result is improved customer satisfaction.
- T-1 Failsafe provides redundant by automatically re-routing calls to another number or location when T-1 is unavailable.

Customer's Telephone System

The customer's telephone system (PBX) must be configured to support the desired number of voice calls. CAS requires DTMF.

Nextera's T-1 includes:

/29 Subnet with 8 IP addresses (6 usable) • 10 email boxes • Caller ID • Hunting • Local and EAS Calling • Call Blocking (O, 1+, 411, International, Local) • Porting or Assignment of Telephone Numbers • Account Codes (non validated) • Inbound Only Calling Capability • Outbound Only Calling Capability • Combination Inbound/Outbound Calling Capability • Derived Analog Lines

Optional Features: Account Codes (validated) • T-1 Failsafe (forwards calls to a customer-selected TN when T-1 service is unavailable) • Long Distance Telephone Numbers from remote locations can be established as VPN (Virtual Phone Numbers) which ring to a customer-identified DID. Incoming calls only.

We deliver the service you need in today's competitive business environment!
Contact us today at 877-639-8372 or www.nextera.net