

Skybeam ActivePhone™ Service and Platform Description

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IOWA UTILITIES BOARD**

Skybeam ActivePhone™ Service

The Skybeam ActivePhone™ Service is an Interconnected Voice over Internet Protocol (VoIP) service which is designed to replace circuit switched Plain Old Telephone Service (POTS) lines with a more modern and feature rich packet switched voice service utilizing the Session Initiation Protocol (SIP).

The service requires an Internet Protocol (IP) connection to the Skybeam network or public Internet and 120VAC power to function. In the event of a failure of the IP connection or the local AC power, the service, including the e911 feature, will not function.

The service is not offered on a standalone basis except in the cases where lifeline service provisioning may be required by rule or law.

Through the use of an Analog Terminal Adapter (ATA), the service emulates POTS and is compatible with existing analog telephones and twisted pair copper in-building telephone wiring.

A 10 digit telephone number is assigned to a subscriber's service, and may be ported in our out from or to other providers of interconnected voice services.

The ActivePhone™ local calling area includes 100% of the lower 48 United States. There are no intrastate or interstate long distance fees when calling within this area.

For regulatory purposes, the measured mix of use of the service is 82% intrastate, 18% interstate. The base Skybeam ActivePhone™ service is billed at a flat rate rather than in interstate and intrastate components, and as such, the actual traffic mix is used to determine what percentage of the flat rate billed service charge is subject to Federal Universal Service Fund (FUSF) contributions, and where enabled by law applicable to Interconnected VoIP Service, state USF and state and local taxes.

Calls to locations outside of the 48 state local calling area are billed on a per minute basis at rates published to subscribers at <https://voice.skybeam.com/InternationalRates.aspx> and are subject to FUSF contribution recovery fees.

Skybeam ActivePhone™ service is not intended to be a nomadic or mobile service. The end users registered service address is the only location at which the subscriber is authorized to use the service. The service will work if the ATA is moved to another location within the US and connected to a public internet connection, however this is only authorized when the subscriber updates their service address prior to using the service at the new location by calling Skybeam Customer Care.

Skybeam ActivePhone™ service includes enhanced 911 services (e911). When service is initially provisioned, and any time the subscribers service address is updated, the service location is automatically transmitted to a third party e911 provider who geocodes the address, associates it with a local Public Safety Answering Point (PSAP), provides an electronic positive affirmation that the address

was properly geocoded, and stores the record on our behalf. When a subscriber dials 911, the call is routed to the third party 911 provider and then from there to the local PSAP. The location information is transmitted in the call signaling to the local PSAP, and is visible to the operator in e911 enabled PSAPs. In jurisdictions where an e911 service fee is imposed on Interconnected VoIP Services by law, the fee is passed through to the end user and remitted to the local authority in accordance with applicable policy. In addition to local fee pass through, Skybeam charges a recovery fee of \$1 to subscribers to offset the cost of providing the e911 service.

The charges and fees applicable to Skybeam ActivePhone™ service varies by market, and is composed of the following individual charges:

- A base monthly service fee
- An equipment rental charge for the ATA
- An e911 service recovery fee
- Charges for calls outside of the 48 state calling area
- FUSF recovery fee
- State USF recovery fee where applicable to Interconnected VoIP
- State and Local Taxes where applicable to Interconnected VoIP
- State and local e911 service fees where applicable to Interconnected VoIP

Skybeam ActivePhone™ service includes many standard features

- 48 state local calling area
- Voicemail
- Voicemail message delivery to email (recorded sound file attachment)
- Caller ID with Name
- Call Waiting
- 3 Way Calling
- Call Forwarding Always
- Call Forwarding Conditional
- Call Forwarding No Answer
- Simultaneous ringing on up to two additional telephone numbers
- Last Call Return
- Auto Redial

Skybeam ActivePhone™ Platform

The Skybeam ActivePhone™ service platform is a fully geo-redundant Class 5 VoIP feature server designed with a no single point of failure architecture with 1:1 component redundancy. The platform is distributed between well connected commercial data centers in Englewood Colorado, Dallas Texas, and Rockford Illinois. The platform has achieved 99.999% annual service availability since deployment in 2006.

Interconnection to the Public Switched Telephone Network is accomplished via peering and interconnection agreements with top tier wholesale SIP call origination and termination service providers. The majority of the interconnection is via SIP, and in a minority of cases, interconnection is achieved through circuit switched dedicated circuits and an interconnection agreement with the Local Exchange Carrier (LEC).

The following diagram illustrates the Skybeam ActivePhone™ Platform:

