

# Implicitly™

## ENABLING ACCESS TO YOUR MESSAGES FROM ANY DEVICE

With the proliferation of advanced wireless devices, messages are available virtually anywhere and at anytime—and subscribers today want access to their messages in numerous ways. At the same time, wireless and wireline services are converging, creating a seamless virtual network. The Implicitly IP Messaging Solution enriches communication as never before with wide-ranging access to messages in a variety of formats tailored to individual needs.

Demand for multimedia services is growing rapidly. Implicitly brings legacy voicemail to the forefront with video messaging and screen-based messaging on a multitude of devices. The Implicitly messaging platform offers scalability and flexibility, making it an investment for the future as communication services continue to evolve.

### SOLUTION HIGHLIGHTS

#### Flexibility

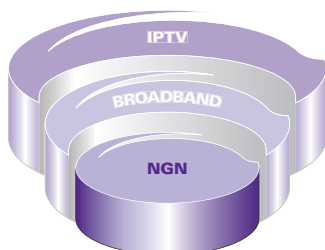
- **User Requirements:** The Implicitly system may provide users easy access to messages. As the demand for customization increases, the system can allow tailored solution options to meet those needs through a single platform. Implicitly can also provide greetings and call-handling options that enable users to personalize the system. New and exciting possibilities are also available through Implicitly's extensive multimedia capabilities and appealing features such as video messaging and instant messaging.
- **Service Provider Benefits:** Implicitly helps carriers generate additional revenues through the delivery of premium features such as video messaging, voice-to-text and find me/follow me. Providers can also merge older legacy systems into a common Implicitly system, resulting in lower maintenance costs. Using the wholesale model, carriers can leverage a single platform to host multiple self-managed enterprises.
- **Technology Compliance:** Implicitly is based on open standards, making it highly interoperable with products from other vendors. This design philosophy makes it easy to add new features in the future. What's more, Implicitly is IMS-compliant so it can be deployed in a wide variety of networks—IMS-based, a full UTStarcom solution, or in concert with other vendors' components.

#### Scalability

The Implicitly platform can scale from 10,000 subscribers up to 10 million users with a virtually seamless upgrade path that requires only the addition of more servers.

### KEY FEATURES

- **Screen-based Messaging:** View and play back messages on a PC or handset.
- **Video Messaging:** Deposit and playback video messages with a PC, phone or handset.
- **Personalization:** Customize individual subscriber mailboxes through enhanced greeting options including mixing a subscriber's greeting with background music.
- **Migration:** Seamless migration from a legacy voicemail system to Implicitly.



## FEATURES

- Video Mail
- Visual Mail
- Screen-based Messaging
- Missed-Call Notification
- Find Me/Follow Me
- Speech-to-Text/Text-to-Speech
- Automatic Speech Recognition
- Family Mailbox
- Combined Mailbox
- Web Portal
- Flow-through Provisioning
- Fax Messaging

## SUPPORTED INTERFACES

- SIP: Session Initiation Protocol compliant with RFC3261; ISC interface compliant with 3GPP
- RTP: Real Time Protocol for media and DTMF signaling
- IMAP4/POP3: Access to messages from email clients
- SMTP: Simple Message Transfer Protocol for sending external email
- SOAP: Provisioning over SOAP/XML/HTTP
- SMS: Short Message Service using Short Message Peer to Peer Protocol Version 3.3 and 3.4, or optionally SMS over SIP
- IMS Diameter: Rf and Sh

## LOGICAL COMPONENTS

- Messaging Server: Message storage for subscribers
- Directory Services: Subscriber profiles and system configuration
- Notification Services: Generates all types of notification for the system
- Web Services: Web-based user interface and flow-through provisioning
- Application Server: The messaging application controls telephone user interfaces.

## CAPACITY

- Implicity can support up to tens of millions of subscribers

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### About UTStarcom, Inc.

UTStarcom is a global leader in IP-based, end-to-end networking solutions and international service and support. The company sells its broadband, wireless, and handset solutions to operators in both emerging and established telecommunications markets around the world. UTStarcom enables its customers to rapidly deploy revenue-generating access services using their existing infrastructure, while providing a migration path to cost-efficient, end-to-end IP networks. Founded in 1991 and headquartered in Alameda, California, the company has research and design operations in the United States, China, Korea and India. UTStarcom is a FORTUNE 1000 company. For more information about UTStarcom, visit the company's Web site at [www.utstar.com](http://www.utstar.com)

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