



# Deltapath® Engage With Dolby Voice®

## Connect to Anyone From Anywhere With a Softphone

As the remote workforce rapidly expands in response to employee health and safety during the Coronavirus pandemic, businesses need a communication and collaboration solution that keeps their workforce connected without the typical pain points impacting productivity like poor audio quality and background noise.

Deltapath Engage is the first collaboration softphone for Windows and Mac users that comes bundled with Dolby Voice to deliver key advantages over other softphones.



**Deltapath®  
Engage**

WITH

**DOLBY VOICE®**

### **What is a softphone?**

Unlike the physical work phones that traditionally sit on office desks, a softphone is a software application you install on a device. Devices with an internet connection, speaker, and microphone such as a laptop, smartphone, or tablet can support a softphone.

### **User Benefits**

Users gain more flexibility. Make and receive calls anywhere you go with a laptop and internet connection. Video calls and conference calls are also standard features of softphones. Communicating with your entire team is as easy as a one-to-one call.

### **Business Benefits**

Softphones can replace expensive business desk phones, eliminate provider costs that come with conference call service, and embrace unified communications as employees communicate on one platform.

# EXPERIENCE BETTER AUDIO MEETINGS AND VIDEO MEETINGS WITH DELTAPATH ENGAGE AND DOLBY VOICE

## Experience Dolby Voice

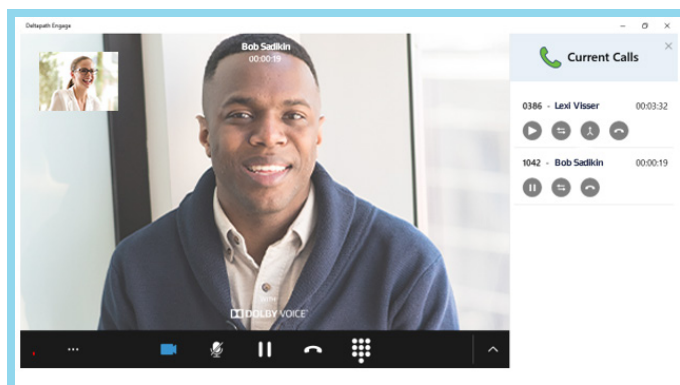
It is a patent technology by Dolby Laboratories that was first used in Hollywood. Experience state-of-the-art noise cancellation and studio-like audio quality. Each meeting participant is heard from a distinct virtual location to reduce voice overlap. Plus, full room voice pickup ensures everyone is heard even quiet speakers.

## Immerse Yourself in Ad-Hoc Meetings

Teams work smarter and more effectively with impromptu multi-party audio conference calls. Users never need to reserve a room, schedule a meeting, or send invites. Ad Hoc meetings are built to hold as many participants as your server permits.

## Elevate Communication With Video Calls

Let video calls act as a catalyst for team-building and support, not just as a mainstream form for consumer-to-business and business-to-business communication. With different call control rates, Deltapath Engage ensures your employees always have a great video experience.



## Easy to Use Interface

The simple to use interface comes equipped with all the essential business phone features you expect when using a desk phone.

## Implementation and Flexibility

All you need is internet access to start using Deltapath Engage on Windows and Mac. Enjoy geographic flexibility. Take Deltapath Engage with you anywhere you take your laptop.

## WANT MORE OPTIONS?



Use Deltapath Mobile, our smartphone app to enjoy video calls and transform your phone into a pocket-size audio conferencing device

# Datasheet

## Dolby Voice

- » Dolby Voice (DVC-2), G.711U, G.711A, G.722
- » Full room pickup up to 15 feet
- » Crystal clear audio
- » Low bandwidth consumption compared to other industry leading HD codecs:
  - Average bandwidth: Upload 12.46 kbps/Download 47.71 kbps
  - Peak bandwidth: Upload 49.36 kbps/Download 128.03 kbps

## Voice and Acoustics

- » Adjusts to accommodate voice and acoustic variations -- soft and distant voices

## Voice Suppression Algorithms are designed for the following types of noises:

- » Stationary/constant noise
- » Non-stationary noise sources
- » Impulsive/time-varying noise sources
- » Non-speech noise
- » Speech-like noise suppression

## Voice Suppression is comprised of the following:

- » Noise Estimation
  - Estimates the noise in the room in the presence of talkers
- » Noise Suppression
  - Calculates suppression gains while minimizing the impact on speech
- » Nuisance Rejection
  - Rejects no-speech distracting noises
- » Suppression Gain Smoothing
  - Smooths the suppression gains to minimize artefacts
- » Voice Activity Detection
  - Acts as a gate to determine whether to transmit the microphone signal

## Spatial audio projects each speaker's voice from a distinct location

- » Voices are separated
- » Voices never overlap

## Call Handling Features for Windows and Mac

- » Answer calls from a locked screen (Windows only)
- » Audio calls
- » Video calls
- » Phonebook integrations (Deltapath/Corporate or LDAP/Local Device)
- » Single sign-on with LDAP/AD integration
- » Call transfer - Blind and Attended
- » Call pulling
- » Full audio conference room control (Mac only)
- » Hold/Resume calls
- » Mute/Unmute calls
- » Pause/Resume self-view camera on video call
- » Call forwarding (Windows only)
- » Call history
- » Voicemail
- » Automatic start with Windows startup

## Audio Conference

- » Ad-hoc audio conference
- » Holds as many participants as server permits

## Video Features

- » H.264 with call control call rates
  - 256 kbps
  - 384 kbps
  - 512 kbps
  - 768 kbps
  - 1152 kbps
  - 1920 kbps
  - 4096 kbps (Windows only)
- » Built-in Camera

**Stay Connected and Productive on a Single Platform With Your On-The-Go Business Phone**

## Audio Features

- » DTMF

## Headset Compatibility

- » Bluetooth headset
- » USB headset
- » Jabra headsets (Windows only)
  - Flashing light indicator identifies new call notifications
  - Pickup, reject, hold, resume, and end calls using headset buttons
  - Jabra model support:
    - Jabra Evolve 40
    - Jabra Evolve 65e
    - Jabra Stealth UC
  - 3.5 mm headset

## External Device Compatibility

- » Built-in web camera
- » USB cameras

## System Requirements

- » Minimum Mac OS and Hardware specifications
  - macOS High Sierra (10.13.6)
  - 200 MB storage
  - 4 GB RAM
  - 256 MB RAM for Video Memory
- » Minimum Windows OS and Hardware specifications
  - Windows 10 (PC or Tablet devices version 1903)
  - Intel Core 2 Duo 2.0 GHz
  - 200 MB storage
  - 4 GB RAM
  - 256 MB RAM for Video Memory

## Security and Encryption

- » SIP over TLS
- » SRTP

## About Deltapath

Deltapath liberates organizations from the barriers that prevent effective communication and revolutionizes the way organizations communicate through innovative technologies that meet the needs and the wants of organizations.

We specialize in solutions that unite different communication platforms, audio and video equipment, telephones, desktops, and mobile devices to make communication accessible and intuitive.

It is our belief that every solution should embody simplicity and offer users the right form of communication for the right occasion, right at their fingertips.

## Ordering Information

For more information about Deltapath Engage with Dolby Voice, please contact your nearest Deltapath sales representative.



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