GRANDSTREAM
CONNECTING THE WORLD

**Building Remote Work
and Collaboration Solutions with Grandstream**

Supporting Remote Work is Easy

As organizations throughout the world adjust to working remotely, the question of "how" to create solutions that support remote work is more critical than ever before. The good news is that it is much easier to build these types of solutions than you probably think because you can utilize most of the equipment you already have to do so. Before we get into the Grandstream solutions that can help you build a remote work solution, here are four things to keep in mind.

1. Most communications technology we use daily already supports remote use

SIP, VoIP and UC platforms and endpoints were built to support mobility. In most deployments, you won't need new technology, you'll just be deploying and using that technology in a different way.

2. Businesses do not want to purchase equipment they already have

Most businesses don't have money to toss around and buy all new equipment for remote work that they can't use upon return to the office. Because of this, focus on equipment that a business may not currently have that can compliment their office solution later-on, like Wi-Fi IP phones.
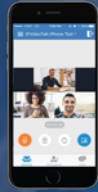
3. Wi-Fi endpoints are ideal for remote use

A lot of homes do not have ethernet access, but most have Wi-Fi access. Wi-Fi devices are also very easy to install - just connect to the Wi-Fi network.

4. Don't forget about provisioning & management of remote devices

Because IT teams won't have direct access to the devices, its important that a solution is in place to monitor, manage and maintain the remote devices.

Grandstream's Remote Work and Collaboration Solutions

This guide will highlight the many solutions that Grandstream offers to support remote work and collaboration. We offer a wide-range of remote and mobility solutions that can be scaled to support any organization, including businesses, enterprises, schools, hospitals, governments and more. After reading this guide, you will see how easy it is to cater many of the familiar Grandstream solutions for remote use.

Grandstream's Remote Work Solutions

1. Meetings & Conferencing

2. VoIP

3. Networking

1. Remote Meeting & Conferencing Solutions

IPVideoTalk Meetings

Our powerful cloud conferencing platform allows you to hold web meetings that can be attended anywhere, any time on nearly any device. It provides a virtual meeting space for remote teams, virtual classrooms, telehealth consultations, health classes, and much more.

- Up to 150 participants and 49 video feeds
- FREE Basic Plan: 50 participants (49 video)
- Attend on PCs, Macs, Android & iOS devices
- Screen-sharing, private & group chat, recording, webinars, PSTN/VoIP dial-in
- Expand to integrate with GVC series

GVC series Video Conferencing Devices

The GVC series provides the ideal in-room, formal video conferencing endpoint for essential staff, including government and healthcare organizations. Also, our GVC3210 is the ideal device to setup a home conferencing solution, thanks to its' size, price and Wi-Fi support.

- Add to any SIP or H.323 platform
- Based on Android
- Compatible with IPVideoTalk and IPVT10
- Wi-Fi available on GVC3210 and GVC3200

IPVT10 Video Conferencing Server

IPVT10 is ideal for businesses looking for a collaboration platform but would prefer not to use a cloud solution. IPVT10 takes the features and functionality of IPVideoTalk and packages it in an on-premise collaboration server.

- Supports up to 300 participants
- Schedule, host and attend meetings on PCs, Macs, iOS and Android devices
- PSTN/VoIP Dial-in
- Future-expansion to include GVC room devices

2. Remote VoIP Solutions

UCM series IP PBXs

SIP/VoIP has long had the ability to support remote users. Our UCM series makes it easy to create a virtual communication network to support remote users and is ideal for any business, enterprise, hospital, or school.

- Remote device provisioning & deployment through a WebUI
- Supports video calling and conferencing
- Build VPN tunnels from remote offices to UCM network
- Supports multiple concurrent SIP registrations
- Scan a barcode to setup Grandstream Wave softphone app

WP series Wi-Fi Cordless IP Phones

Wi-Fi provides the highest quality wireless phone. As most homes have Wi-Fi access, it is easy to setup and offers seamless roaming throughout a home. It's also ideal for roaming throughout healthcare facilities.

- Built-in OpenVPN client
- Light weight and compact – easy to transport
- Keep in touch with co-workers: Push-to-Talk and 2-line support
- Expands office network in the future with a wireless voice option
- WP810 offers a scalable solution that competes with DECT on price

GXV series Android IP Video Phones

The GXV series are some of the best devices on the market for remote workers. These Android devices provide a flexible desktop video calling solution and full access to the ecosystem of Android apps.

- 3-way SIP video bridge built-in
- Use Android apps to join meetings, chat with co-workers, attend a webinar, etc.
- Integrated Wi-Fi for easy installation and use
- Easy-to-use Android interface
- HDMI and Bluetooth to create an affordable video conferencing solution

GRP series Carrier-Grade IP Phones

The GRP series allows remote workers to recreate the familiar look and feel of the office, at home. These powerful but easy-to-use desktop phones support Wi-Fi for easy installation and offer a variety of next-gen features to keep in touch with clients and co-workers.

- Dual-band Wi-Fi and OpenVPN client on most models
- Easy to manage remote deployments with unified firmware
- Extend presence to remote workers with VPKs & Dual LCDs
- Adapt for home use with Bluetooth headsets and speakers

2. Remote VoIP Solutions

DP series DECT Cordless IP Phones

DECT offers the most affordable wireless phones for remote workers. It allows them to roam around any home, with a light-weight and compact cordless device. It's also ideal for roaming in smaller healthcare facilities.

- DP series offers 50m indoor range to cover most homes
- Keep in touch with co-workers: Push-to-Talk and 10 lines
- Ring hunt groups for remote teams
- Requires a DECT handset and DECT base station
- Expands office network in the future with a wireless option

HT series Analog Telephone Adapters

Our HT series allows remote workers to utilize the analog/digital phones and fax machines that they have at home with any VoIP network.

- Extends most VoIP features to connected devices, including 3-way conference
- Easy to deploy remotely with TR069 and XML config

Grandstream Wave Softphone app

This free app allows remote workers, teachers, delivery staff, doctors, nurses and any on-the-go staff to make and receive VoIP calls on their mobile device.
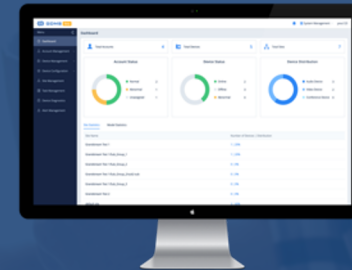It's a great tool to keep any remote or mobile team member connected.

- Free
- Supports any SIP account (up to 6)
- Pre-loaded config settings for hundreds of service providers
- 6-way conferencing, presence, and more
- Setup by scanning a barcode with the UCM series IP PBX

Grandstream Device Management System (GDMS)

This cloud platform allows IT and network managers to easily deploy, manage, monitor and maintain remote Grandstream devices.

Remote deployment scenario:

1. IT configures device on GDMS portal and ships device to remote user, not needing to open the box.
2. User connects device to their wired or wireless network and device automatically picks up config from GDMS and is up and running in minutes.

3. Remote Networking Solutions

GWN series Wi-Fi APs

These powerful and affordable Wi-Fi APs make it easy for business to provide workers with home Wi-Fi access. They can be integrated with a VPN network and are the ideal APs for use with our Wi-Fi IP phones.
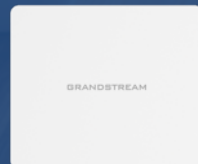
- Manage remote APs with GWN.Cloud
- QoS allows APs to prioritize Wi-Fi IP phones
- Remote APs can expand the office Wi-Fi network later
- GWN7602 ideal for home use (see below)

GWN.Cloud Wi-Fi Management Platform

This free cloud-based Wi-Fi management tool is ideal for managing remote APs or multiple locations of APs. GWN.Cloud is accessible through the web or the free GWN.Cloud app.

- Free with no limit on APs
- Access from the web of GWN.Cloud app
- Setup and deploy remote APs
- Use to manage the office network later on

GWN7602 Wi-Fi AP
Ideal for home offices and remote users, the GWN7602 offers both a Wi-Fi AP (80m range) and 4-port ethernet switch for connecting IP phones, laptops and more.

Remote Solutions for Businesses

Easy-to-Use Remote Devices

The UCM series of IP PBXs allow business to create a platform that supports remote users. Also, Grandstream offers the ideal device for every type of remote user, including a variety of W-Fi options.

- UCM series IP PBX
- GXV series Android IP Video phones (Wi-Fi)
- WP series Cordless Wi-Fi IP Phones (Wi-Fi)
- GRP series Desktop IP Phones (Wi-Fi)
- Grandstream Wave softphone app
- DP series DECT Cordless IP Phones

Web Meetings & Video Conferences

IPVideoTalk Meetings provide the ideal platform for any remote meeting. For a more traditional home-office solution, the GVC3210 provides an ideal option.

- IPVideoTalk Meeting plans support up to 150 participants and 49 video feeds
- FREE basic plan supports 50 participants and 49 video feeds
- Attend IPVideoTalk meetings on any PC, Mac, Android or iOS device.

Remote Device Management

This cloud platform allows IT teams to easily deploy, manage, monitor and maintain remote Grandstream devices.

1. IT configures device on GDMS portal and ships device to remote user, not needing to open the box.
2. User connects device to their wired or wireless network and device automatically picks up config from GDMS

Wi-Fi & Management

Allow remote staff to setup Wi-Fi and/or VPN access at home with the GWN series APs and manage those APs and networks with GWN.Cloud.

- Great for pairing with Wi-Fi IP Phones thanks to QoS to prioritize voice/video devices
- GWN7602 ideal for home offices as it provides a compact Wi-Fi AP and 4 port ethernet switch

Remote Solutions for Education

Virtual Classrooms

Grandstream provides educators with a variety of solutions to build virtual classrooms:

1. IPVideoTalk Meetings – offers a cloud-based platform for online classes, complete with screen-sharing, group/private chat, recording, and more
2. GVC series - this series of SIP/H.323 hardware devices provides a flexible dedicated video device that works on a wide variety of platforms.
3. IPVT10 – for schools who prefer to build a virtual classroom platform with an on-premise server.

Remote Access to Voice Platform

Provide teachers with the option of a cordless Wi-Fi phone, desktop Wi-Fi phone or mobile app to be able to stay connected with other teachers, administrators and parents. The UCM series of IP PBXs provides a communication platform that easily supports remote use and future scalability.

- UCM series IP PBXs
- WP series Cordless Wi-Fi IP Phones
- Grandstream Wave Softphone app
- GRP series desktop IP Phones (with Wi-Fi)

Remote Config & Management

This tool allow school IT teams to provision devices without touching them and ship them to teachers for remote use. GDMS also provides a cloud-based tool to manage and monitor all remote devices.

1. IT configures device on GDMS portal and ships device to remote user, not needing to open the box.
2. User connects device to their wired or wireless network and device automatically picks up config from GDMS and is up and running in minutes

Remote Solutions for Healthcare

Telehealth Solutions

Our GXV series of IP Video Phones and IPVideoTalk both offer easy-to-use yet powerful telehealth solutions:

- GXV series – these Android IP Video Phones are popular telehealth solutions as they allow for video calls between medical professionals and patients through Android apps, SIP platforms or direct IP calls.
- IPVIdeoTalk – our web meetings service allows medical professionals to communicate with remote patients through PCs, laptops, Android and iOS devices.

Ensure Doctors & Nurses are Always Reachable

Whether they are in the hospital, travelling or at-home, Grandstream offers easy ways to ensure critical medical staff can always be reached.

- WP series – our Wi-Fi cordless IP Phones are ideal for hospitals as they allow staff to roam and always be able to make/receive calls.
- Grandstream Wave – this free softphone app allows doctors and nurses to make/receive VoIP calls on any Android or iOS device, allowing staff to be reachable on personal mobile devices.

Remote Staff Meetings, Recording Medical Procedures, etc.

To help medical teams hold remote meetings, our GVC series and IPVideoTalk each provide powerful yet flexible options.

- GVC series – these room-based video conferencing devices offer a traditional, formal conferencing device for any SIP or H.323 platform (or IPVideoTalk).
- IPVIdeoTalk – this web meetings platform allows medical teams to hold remote meetings that can be attended on nearly any device. It also offers the ideal platform for use with our GVC series.

Remote Solutions for Government

Formal Web Meetings & Video Conferences

We offer a variety of solutions to help keep remote teams connected:

- IPVideoTalk – this web meetings platform allows teams to hold remote meetings that can be attended on nearly any device. It also offers the ideal platform for use with our GVC series.
- GVC3210 – an ideal home-office video conferencing solution thanks to its compact size, built-in Wi-Fi, Android support and 4k video resolution.

Room Video Conferencing Systems for Essential Staff

To keep essential, in-office staff connected with other departments, towns, cities, states or countries, our GVC series offers a traditional, formal video conferencing experience.

- Flexibility – GVC series devices can be used on any SIP, H.323 or IPVideoTalk platform
- Powerful Conferencing features – full HD video support, screen-sharing, PTZ lens with up to 12x zoom, meeting controls and more
- Wireless – GVC3200 and GVC3210 include built-in Wi-Fi for seamless installation.

Keep Remote & Travelling Personnel Connected

Grandstream offers a wide-variety of options that allow governments to keep staff securely connected from any location, including mobile apps, Wi-Fi cordless phones and Wi-Fi desktop phones

- GXV series Android IP Video phones (Wi-Fi)
- WP series Cordless Wi-Fi IP Phones (Wi-Fi)
- GRP series Desktop IP Phones (Wi-Fi)
- Grandstream Wave softphone app
- DP series DECT Cordless IP Phones