

Inter-operable Radio Solution Radio Gateway & KoKoRadio

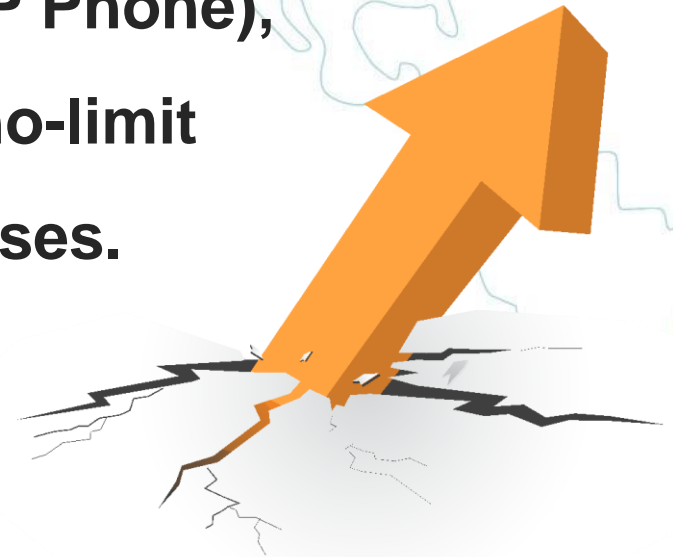
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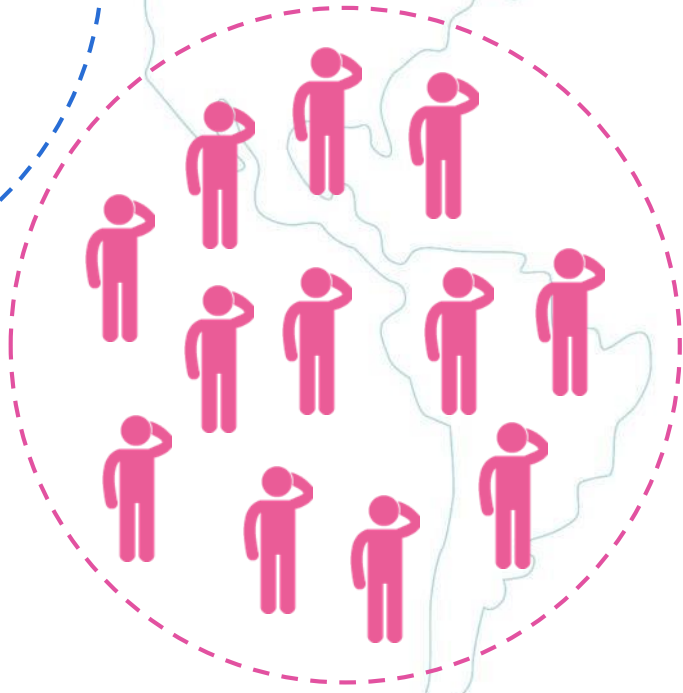
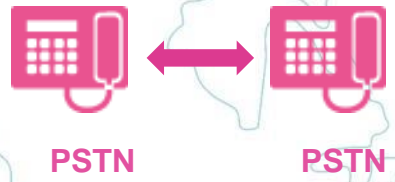
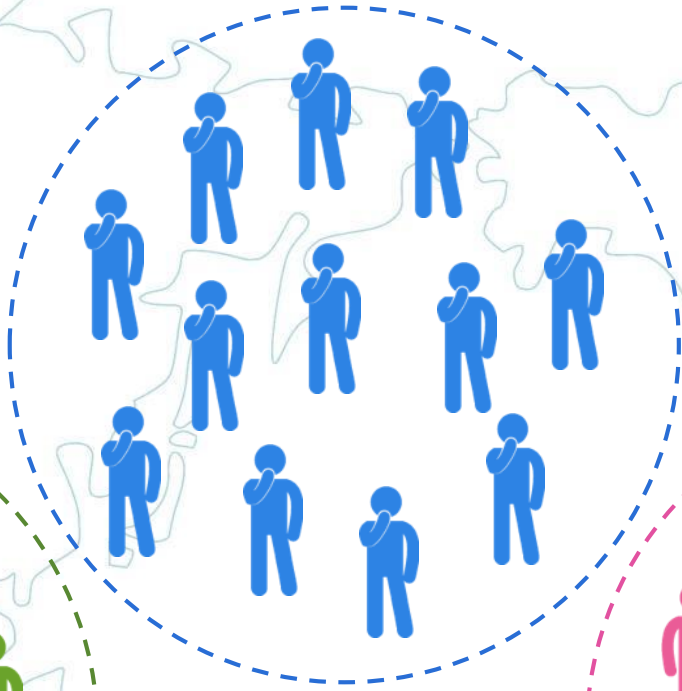
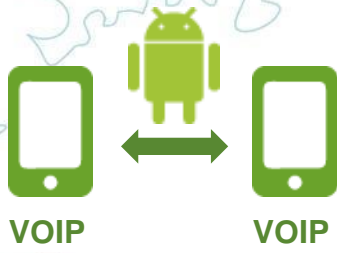
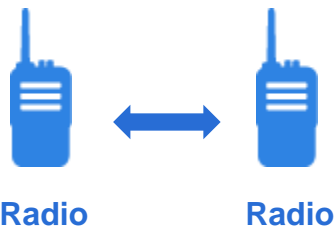


Revolutionary

Communication Network

**Diversified communication network
integrated by radio, PBX (IP Phone),
and VoIP provides a truly no-limit
connect within the enterprises.**







TP-10 Radio Gateway

TP-10 Radio Gateway :

Designed to transfer the signal between radio and VoIP to communicate through Internet.

***One radio gateway is set with one channel**



ADI TP-10 Radio Gateway Specs

Physical interface

- WAN : 1 x 100 baseTx , auto cross-over, auto speed negotiation, RJ-45 connector
 - LAN : 1 x 100 baseTx, auto cross-over, auto speed negotiation, RJ-45 connector
 - Factory default reset button, Power jack
 - VoIP : RJ-11 connector
- ## LED Indicators
- Radio, VoIP, WAN, LAN, Register, Alarm, Power
- ## IP Network Specifications
- WAN: Static IP, PPPoE, DHCP
 - Network Protocol Support: IP, TCP, UDP, TFTP, FTP, RTP, RTCP, ARP, RARP, ICMP, NTP, SNTP, HTTP, HTTPS, DNS, DNS SRV, Telnet, DHCP Server, DHCP Client, STUN Client, UPnP, IGMP, IGMP snooping, IGMP proxy, RTSP ALG
 - NAT Functions
- ## Port Forwarding (Virtual Servers), DMZ, Port Triggering
- Support IPv4
 - QoS Support: WAN: DiffServ, IP Precedence, Priority Queue, Rate

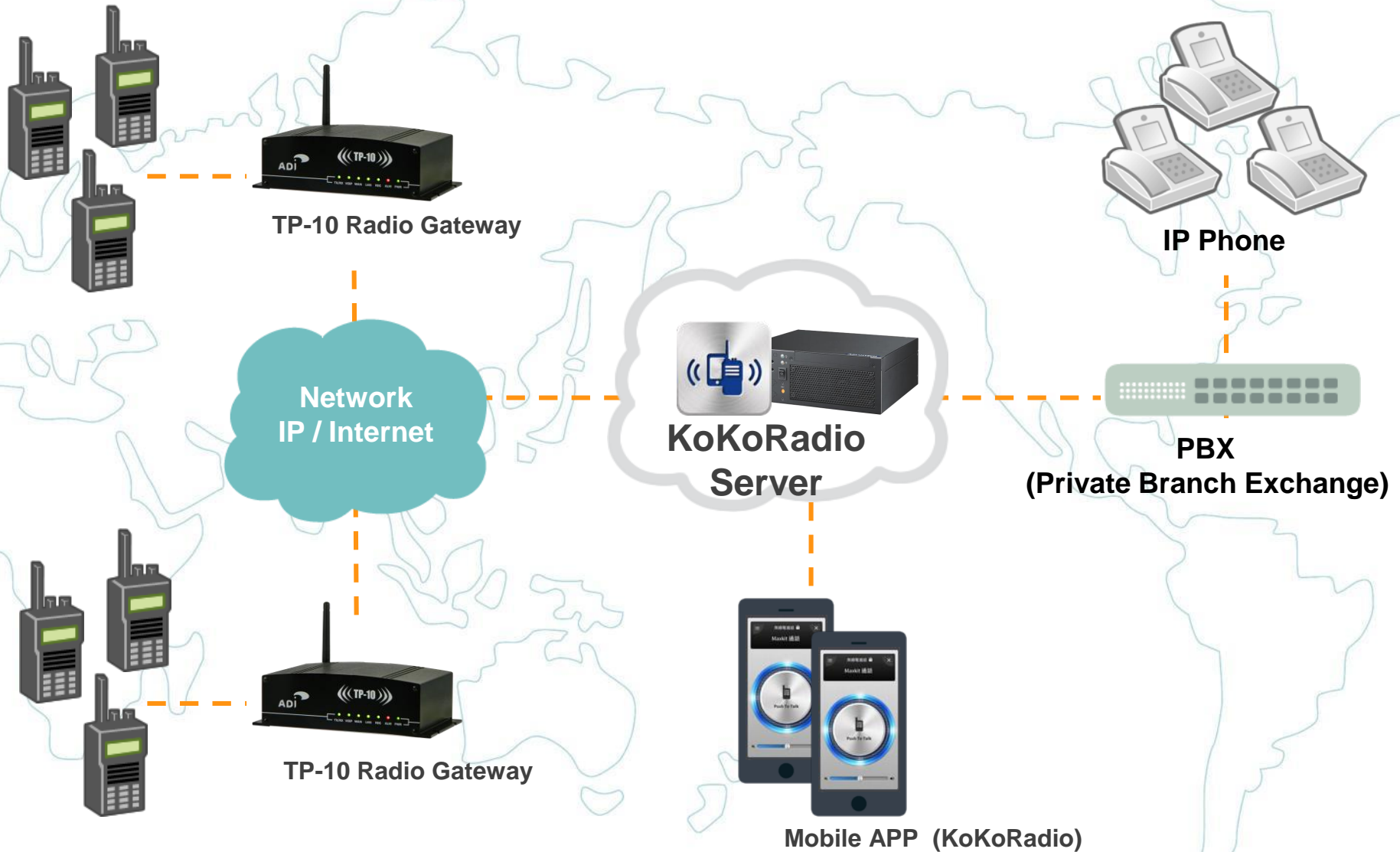
- DDNS Support
DynDNS.org (Dynamic and Custom)
- Network Security Specifications
 - VPN PPTP and L2TP Client
 - DIGEST Authentication
 - MD5 Encryption
 - DoS Protection
- Router Management
 - Web Based Configuration
 - Auto-provisioning (HTTP / HTTPS)
 - Telnet
 - IVR
 - FTP / TFTP / HTTP Software Upgrade
 - Configuration Backup and Restore
 - Reset to Default Button



TP-10 Radio Gateway Features

- With Internet, the communication system is extended worldwide
- With KoKoRadio App, smartphones and radios can call each other
- With connection to PBX, IP Phones and radios can call each other
- Inter-operable communication platform
- Support fixed IP address, DHCP, or PPPoE
- Use G.722, G.711 a/ μ -law, G.726 voice compression format to improve the voice quality
- Hotline function: PTT button or pick up the handset for directly call
- Connected to phone to use as an IP Phone
- Compatible with different brands of radios
- Peer to peer communications, Easy plug-in installation
- DTMF detection and generation
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)

KoKoRadio System



KoKoRadio Server Features

1. Integrate the radio gateways in different places
2. Integrate different communication systems
3. Connect to PBX to integrate IP Phones into system
4. Establish multiple group chats
5. With KoKoRadio App to connect with smartphones
6. Automatic record all the conversations
7. Management and data analysis on the software backstage



Radio on KoKoRadio App

Select Chat Room



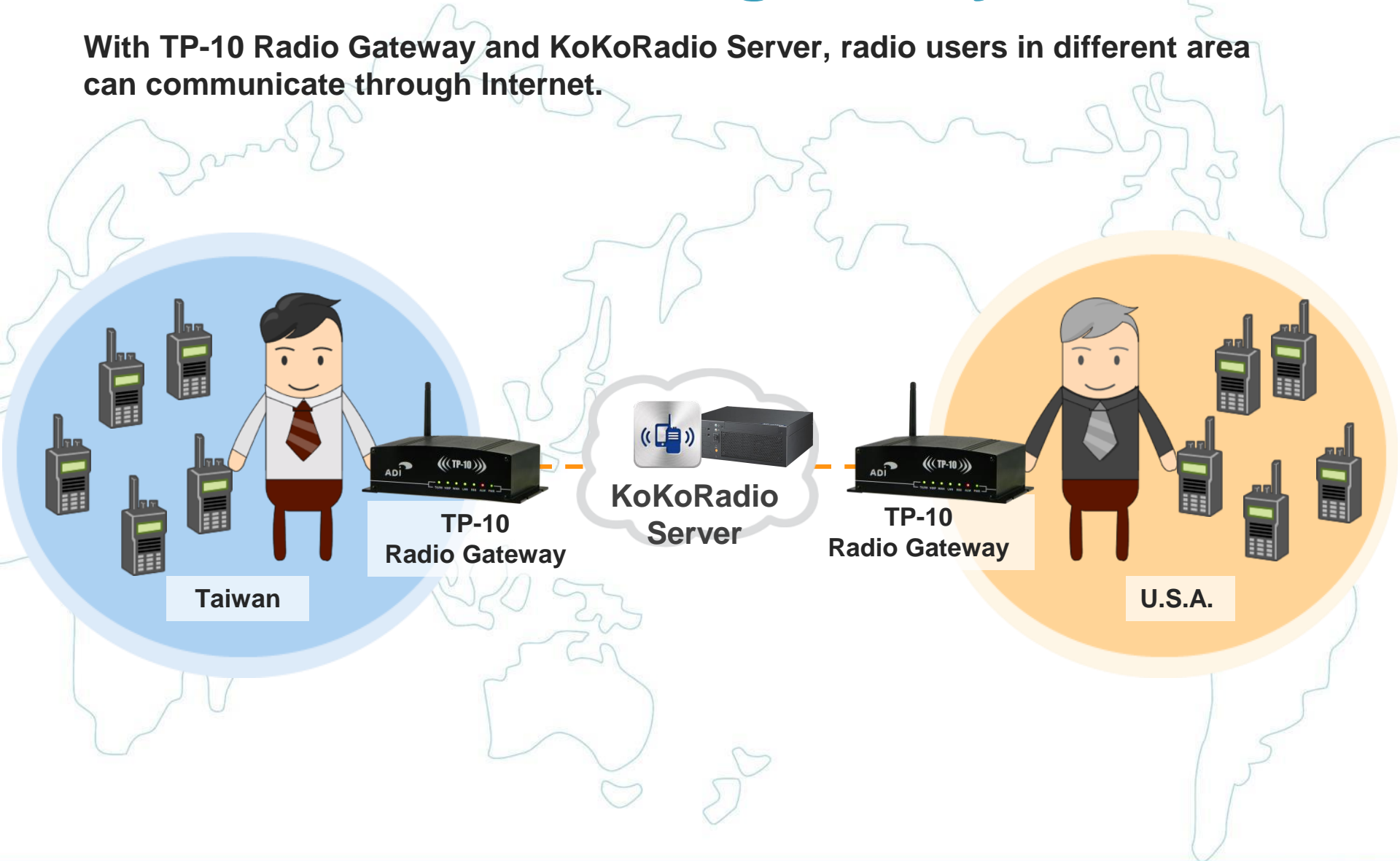
Check Device Status



Push to Talk (PTT)

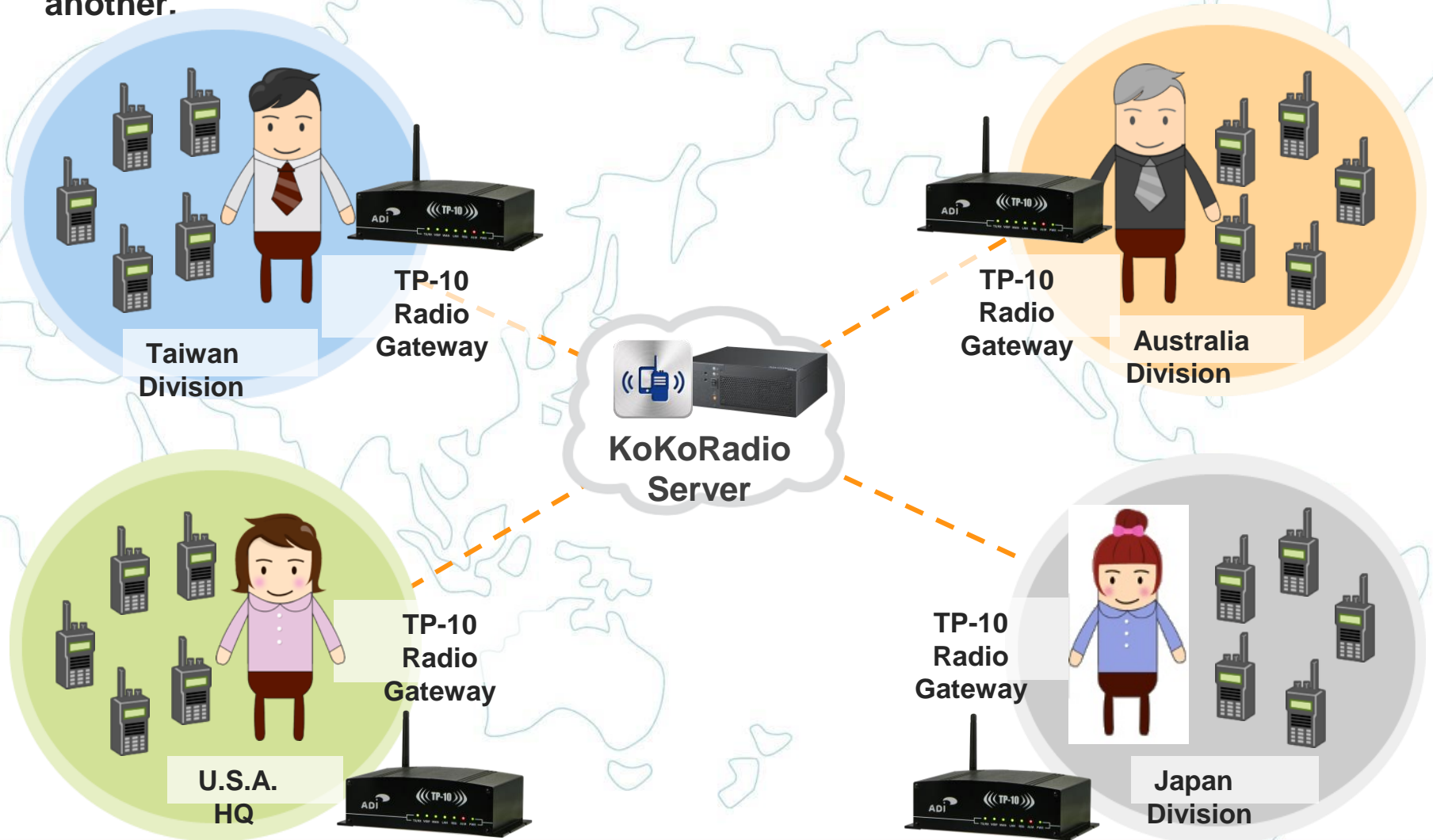
Scenario A : Radio gateway Extension

With TP-10 Radio Gateway and KoKoRadio Server, radio users in different area can communicate through Internet.



Scenario B : Multiple Radio Gateways Extension

With KoKoRadio Server, multiple groups of radio users can communicate with one another.



Scenario C : Smartphones and Radios

With KoKoRadio App, smartphones can communicate with radios!



Farm client James talks to David with KoKoRadio App



KoKoRadio Server



Farmer's wife Melody talks to David with KoKoRadio App



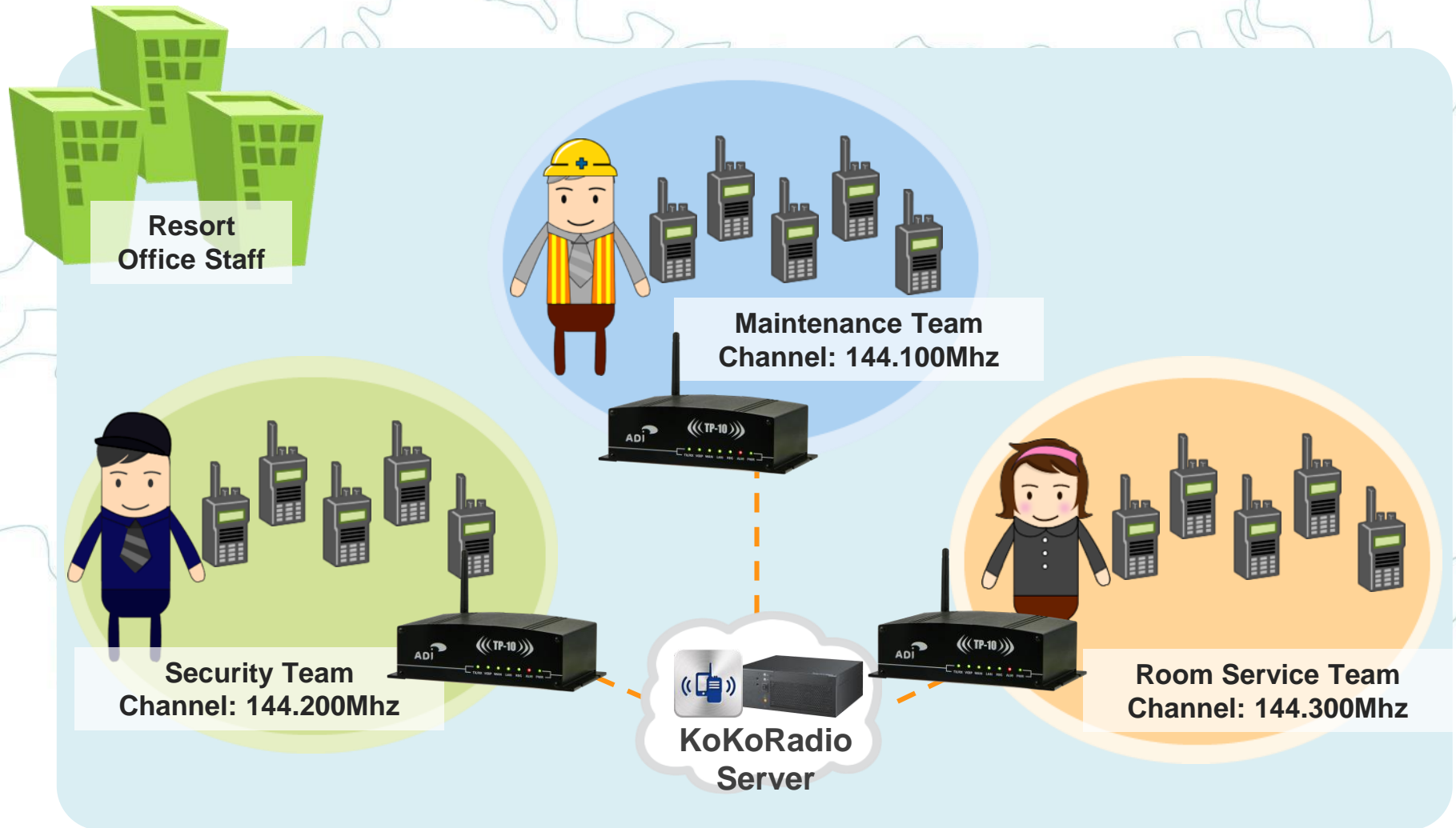
TP-10 Radio Gateway is set up in the farmhouse



Farmer David patrols with radio

Scenario D : Communication among Multiple Channels

With KoKoRadio Server, multiple channels are integrated for direct contact.



Scenario E : Diversified Communication Platform

With KoKoRadio Server and PBX · smartphones, IP Phones and radios can talk to one another directly.



Farm client James talks to David and Melody at the same time by using KoKoRadio App



KoKoRadio Server



TP-10 Radio Gateway is set in the farmhouse.



Farm worker Michael reports to Michael with radio.



Farmer David patrols with radio.



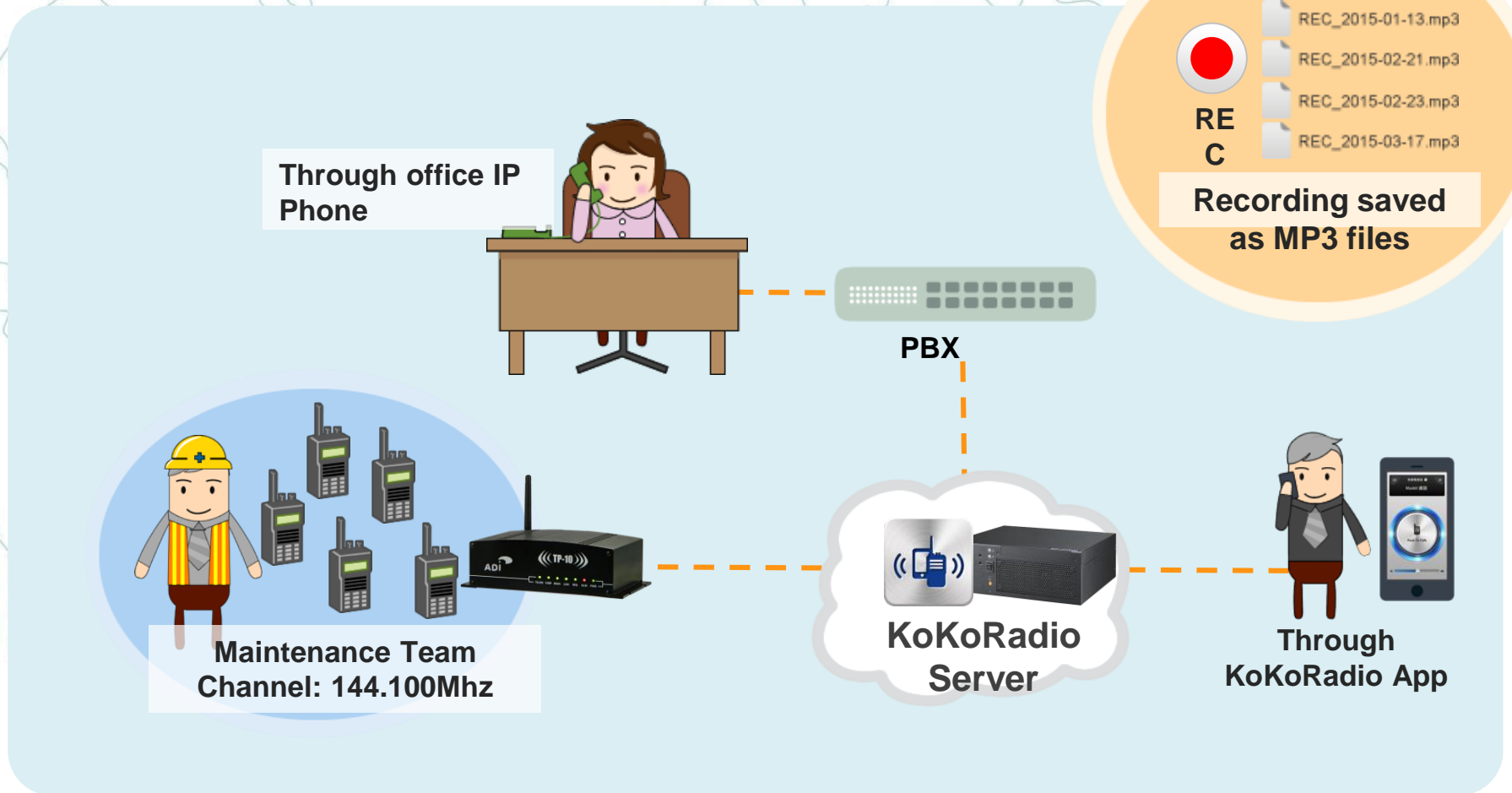
Melody talks to David with office IP Phone.



PBX

Scenario F : Recorded Calls

All the conversations can be recorded automatically in prevention of controversial situations. (Proofs are saved!)



TP-10 & KoKoRadio Solve Problems of...

Integration Platform

Radios, IP Phones, smartphones can call each other, no more limitations

Diversified Devices

You don't need a radio to call a radio (hotel housekeeper, undercover, supervisor...)

Far-reaching Calls

Radio calls can be extended to other areas or countries through Internet

Complete Recordings

Time and content of each call is recorded and saved.

TP-10 & KoKoRadio Benefits

Habits

The users don't have to change the devices they're used to. They can use radios, IP Phones, and smartphones as they like.

Saving

Call different devices without extra toll

Record

With the recordings of calls, no more controversial situations

Instant

With radios and KoKoRadio App, calls can be made instantly