The era we live in today witness some of the most prominent effects and fantastic advancement of technology. With the advent of smartphones and their operating wireless technology, the realm of communication has advanced to levels where people prefer the use of interactive video communication over the traditional audio telecommunications.

Softfoundry is proud to introduce an innovative advanced mobile technology, FacePro™ Xpert System. An enterprise software application fully designed and developed by Softfoundry, FacePro Xpert System is a professional remote expert system that provides enterprise users with smart real-time interactions such as multi-sites high-definition video and audio call, file sharing/transfer, instant messages, location tracking, and AR (Augmented Reality) interactive annotations and knowledge management transfer etc.

Developed with smart adaptive bitrate control, FacePro Xpert System adapts to various network environments and conditions. The support for various hardware and wearables voice commands and smart wearables provide users with a hands free operations which allows them to quickly connect with remote experts for activities such as collaboration, maintenance guidance, remote support, inspection or training.

With the use of FacePro Xpert System for remote collaboration and communication, enterprises are able to maintain business continuity and expand their market reach with lesser cost. Business productivity, efficiency and decision making process are greatly improved as meetings / discussions can be arranged on-the-fly anytime, anywhere. The reduction in commuting to work or meetings also helps to reduce travelling expenses and carbon footprint. With reduced pollution, we helps to protect our environment for a cleaner and sustainable future.

5G+AR Industry Application

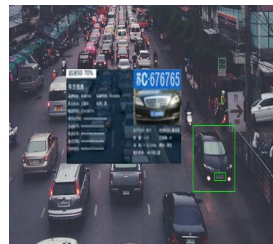|				
Automotive	Transport & Rail	Maritime	New Energy	Smart Agriculture
Petrochemical	Telemedicine & Healthcare	Aerospace	Construction	Military & Law Enforcement

Main features - Facepro Xpert system

The FacePro Xpert System supports cross-regional, cross-level and multi-party communication, supports 4G/5G/Wifi/satellite network communication, data transmission encryption to ensure communication security; AR smart glasses support two-way audio noise reduction, which can effectively avoid the impact of on-site noise on call quality ; The system supports real-time high-definition video communication in multiple formats up-to 4K video quidance; supports push picture text messages, AR indicator marks, desktop sharing and other communication methods; remotely control smart glasses for video screen zoom, flash on, lens zoom, camera switching , Remote take HD photos, clear on-site details; support multi-expert real-time video collaboration, while providing guidance to front-end technician; real-time storage of all video voice guidance, photos and texts and other data to support workflow and establish a knowledge base.

Support group contact list	Multi-terminal cross-platform	Remote control equipment	Multi-parties video collaboration	Data encrypted transmission	HD real-time communication
Chat, images and location	Remote HD camera	AR annotation	Desktop sharing	Build a knowledge base	AI intelligent noise reduction

Technical Specifications

System Requirement

- Operating system: iOS 10.0 & above, Android 5.0 & above
- Recommended Hardware:
    - Desktop/laptop: Quad-core 1.4GHz & above. For 4K UHD, requires Nvidia GTX1080 & above graphics card
    - Mobile Devices: Exynos/Qualcomm/MTK chipset (Qualcomm 636 & above)

Language Support

- English
- Chinese (Traditional/Simplified)
- Vietnamese
- Japanese
- Korean
- Thai
- Spanish
- French
- German
- Italian
- Russian
- Arabic
- French
- Portuguese

Supported Networks

- Fibre / Cable Broadband
- Wi-Fi / Satellite / VPN
- 3G / 4G / 5G Mobile Network

Video Codecs and Features

- H.264
- H.265
- SFDVPro
- Support up to 4K video resolution

Video Resolution

- QCIF (150 Kbps)
- CIF (256 Kbps)
- VGA (384 Kbps)
- 720P HD (700 Kbps)
- 1080P HD (1 Mbps)
- 4K UHD (3 Mbps)

Audio Codecs and Features

- OPUS HD Audio Codec
- Automatic echo cancellation
- Automatic gain control
- Automatic noise reduction

General Features

- In-call front and rear camera switching
- Display up to 36 participants in one screen
- Point-to-point video/voice call
- MCU conference
- In-app conference history
- Voice recognition for handsfree usage (Smartglass Platform)
- Dual camera support (Windows platform)
- RSTP IP camera support (Windows platform)

Collaboration Features

- Smart meeting layout
- Chairman control
- Scheduled meeting
- Desktop sharing
- Instant messaging
- Group chat
- Location sending
- Whiteboard
- Live video annotation
- Static video image annotation
- File transfer (Document, video, photo)
- Self-destructive messaging
- Emoji icons
- Conference recording (Windows platform)
- Live streaming (Windows platform)

Management

- Central management of user accounts on VFON Web Manager
- Multi-tier closed user groups management
- Call detail records
- Backend conference history

Security Features

- TLS
- SRTP
- Automatic firewall traversal
- STUN and ICE protocols for NAT traversal
- Secured AES 256 Bits GCM encryption