

## ONSITE INSPECTION



## PRODUCT EXPERTS OFFICE OFFSITE



# SGS REMOTE INSPECTION

## MAKE THE BEST OF SGS PROVEN INSPECTION EXPERIENCE AND TECHNOLOGY

SGS continues to employ the latest available technologies in its services, and inspection is one of the areas that benefit from this. Taking inspection to the next step, SGS has introduced the concept of Remote Inspection with an app named "SGS QiiQ." Under this innovative inspection system, SGS uses a combination of conventional and experience-proven inspection techniques and inspectors along with advanced technological tools in order to make better inspection reporting and inspection judgment. This new concept could not be simpler and it reduces inspection and turnaround time for certificate issuance.

Remote inspection involves a pool of SGS product expert inspectors who are virtually and in real-time connected to the place of inspection.

Thanks to SGS QiiQ, the client's contact person will be connected live from the client's premises, to an SGS product expert who will guide him remotely through all the steps of the inspection. Once installed on any type of mobile device (tablet, mobile phone or even smart glasses working on android or IOS), the SGS QiiQ app simply needs an internet connection (wifi, 3/4G) to connect the Client's contact person to the SGS product expert. The app will record the video inspection stream and allow the SGS product expert to trigger pictures of the inspection process (packing & marking, packages, product, etc.) while directing the Client's contact person at each step, asking some probing questions and checking documents like labels, manuals, etc.

Once completed, the full recorded inspections will be available to the Principal, allowing him to assess and audit the remote inspection, by accessing to the video recording and pictures taken by the SGS product expert.

SGS QiiQ provides a highly interactive collaboration experience that is proven across large field deployments. The software can be installed on an unlimited number of smartphones, tablets, smart glasses, and computers.

## SGS QIIQ FUNCTIONALITIES



### RECORDING

Participants can record the entire inspection session for future playback or audit trail purposes.



### HIGH QUALITY AUDIO/VIDEO

Clear audio and high-quality video in even the most challenging field environments



### TELESTRATION

Quickly identify areas for further analysis by drawing over live or recorded video and images.



### LOW BANDWIDTH OPTIMIZED

Share live content in even the most extreme low bandwidth – cellular, wireless or satellite.



### REMOTE AND TRANSFERABLE CONTROLS

Remotely control the field camera to get the right visuals and reduce training.

## SGS QIIQ SPECIFICATIONS

### SUPPORTED DEVICES

- Android 4.1 (Jellybean) or higher
- iOS 8.0 or higher
- Windows 7.0 or higher

### VIDEO

- H.264
- H.263/H.263+ (Onsight Devices only)
- Resolution 160x112 up to D1:720x480
- Frame rate 1 to 30 frames per second

### AUDIO

- VoIP: G.711, GSM 6.10
- Subject Audio: G.711, GSM 6.10 (or disabled)

### SECURITY

- SIP-TLS encryption
- AES-128 media encryption
- User ID and password control

### COMMUNICATIONS

- SIP call control (TCP 5060)
- HTTP/HTTPS (TCP 80/443)
- Audio/Video/Data (UDP)
- STUN (UDP port 3478)

## KEY FEATURES

- Built to assess objects - not just to see the faces of co-workers.
- Talk, freeze video, share high quality snapshots, and draw on-screen.
- Record the Inspection session for future record keeping or training.
- Intuitive - one button push to make calls.
- Remotely control the live camera zoom, image capture and lighting.
- Guest user service to quickly invite external collaborators.
- Optimized for use with wireless, satellite and cellular networks.
- Video, voice, and drawing capabilities using less than 64 kbps.
- Enterprise grade security.
- Central management to simplify and control deployments.

For more information about SGS remote inspection, please contact [QiiQ@sgs.com](mailto:QiiQ@sgs.com)