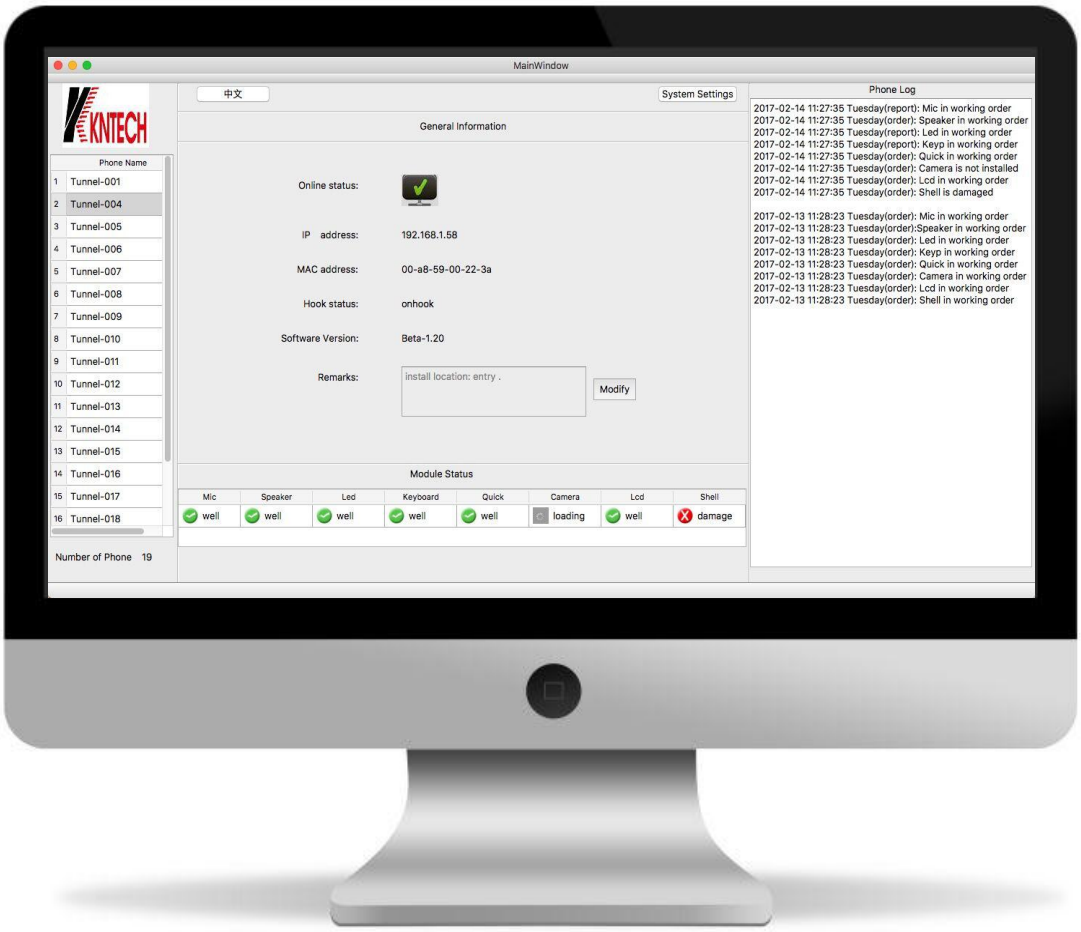
Telephone Self-diagnostic System (TSS-1000)



KNTECH Telephone Management System is design for control office to monitor the Emergency Call Point in real time to make sure all the phone station are in good working status. Ensure the control office know immediately if one telephone broken and can send someone out to repair it.

TSS-1000 is operating basis on Windows software package use on a PC having the Microsoft Windows. Consist of one windows software + the Emergency call point KNSP-19. All the Emergency Call Point devices have a monitoring and self-diagnostic functionality. Including automatic self-test of microphone and loudspeaker with configurable plan for how often this self-test runs automatically.

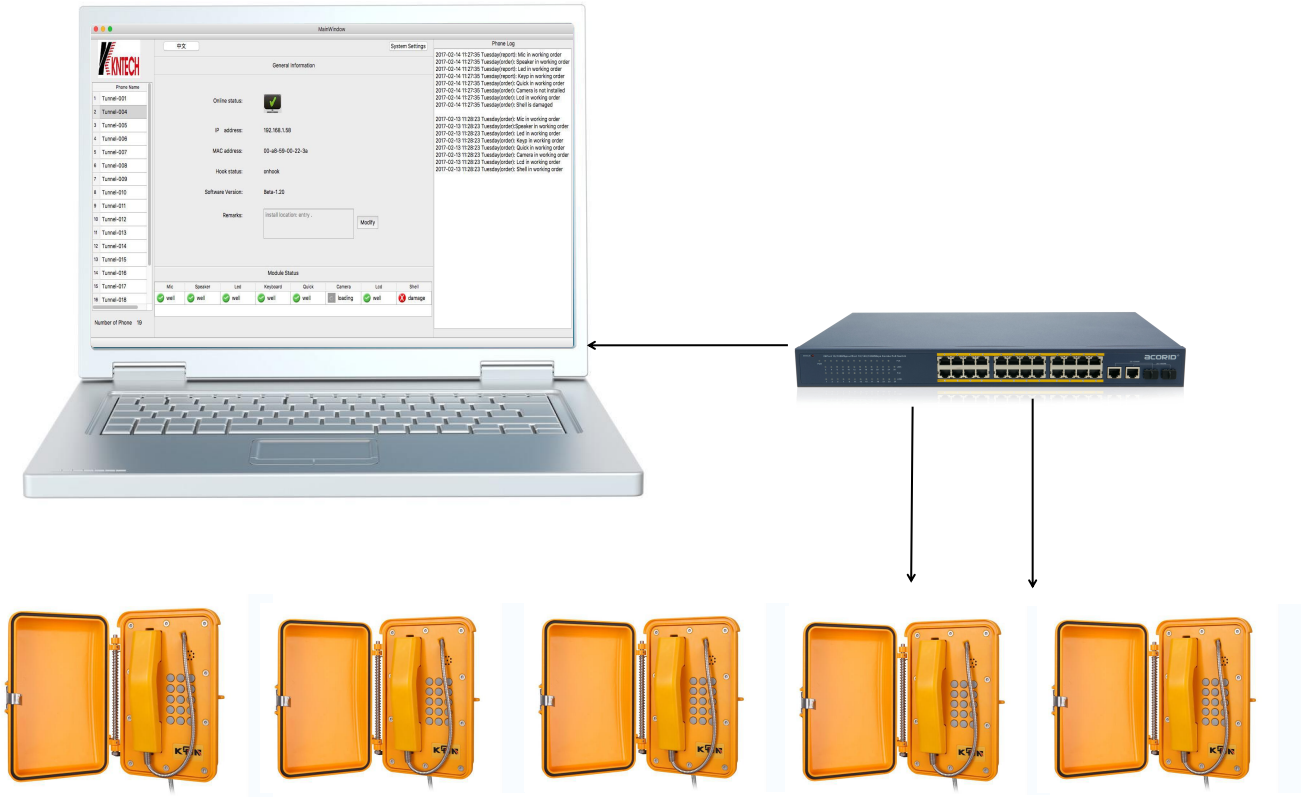
At Least every 24 hours, all the Emergency Call Point shall send their health/fault status to the control room TSS-1000 to display the status at the control room. This data also be available to any

relevant subscriber of monitoring data as for maintenance purpose.

Details on symbols, icons and color codes to identify objects monitoring status are designed for Employer's easy operation.

The system is highly reliable. Simply installation and Operation. Just running the TSS-1000 in your computer. Its an good idea to Working with KNTECH Telephone Command Sever or also working will with SIEMENS/AVAYA/HUAWEI/ZTE/ALCATEL/NEC. and any brand.

Phone call is higher priority while perform a self-checking task.



The reomote testing and programmable include below details:

Self Monitoring and diagnose

The telephone will report to the TSS-1000 in real time when below happens:

a. Keypad or emergency call button get stucked.
b. Handset microphone or receiver broken, or handset cord broken.
c. Ring indicator LED broken.
d. Buzzer broken.
e. Telephone box been opened

Model	KNSP-19 Telephone with Diagnostic System
Construction	Robust aluminium alloy die-cast body
Dimensions(W*H*D)	320*205*120mm
Weight	5.7kg
Operating Temperature	-25°F to +158°F/ -40℃ to +70℃
Relative Humidity	Up to 95% non-condensing
Protection	IP66, vandal-resistant and water-resistant design
Communication	Full duplex 2-way handset communication
Call Control Signaling	SIP Info(DTMF), RFC 2833(DTMF)
Audio Codes	G.711, G.722, G.729
Power	Power over Ethernet, IEEE802.3af, Class 0 Local power, 12VDc,Idle 2W, Max 10W
Auxiliary Contacts	1 Aux Output, dry contact Contact Ratings Load: Resistive load Rated load:0.3 A at 125 VAC; 1 A at 30 VDC Rated carry current:1A Max.switching voltage:125 VAC,60VDC Max.switching current:1A
Network	10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better
IP Protocols	IPv4, TCP, UDP, TFTP, RTP, RTCP, DHCP, SIP
LAN Protocols	Power over Ethernet(PoE,802.3af), WLAN(IEEE 802.3af), Network Access Control(IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)
Programming	Non-volatile flash memory programming and configuration through Web GUI
Management and Operation	DHCP and static IP, remote automatic software upgrade, centralized monitoring, status LED
Echo cancellation code	G.167/G.168
Keypad	0~9 free dial, last number redial, speed dail 1 and speed dial 2

Installation