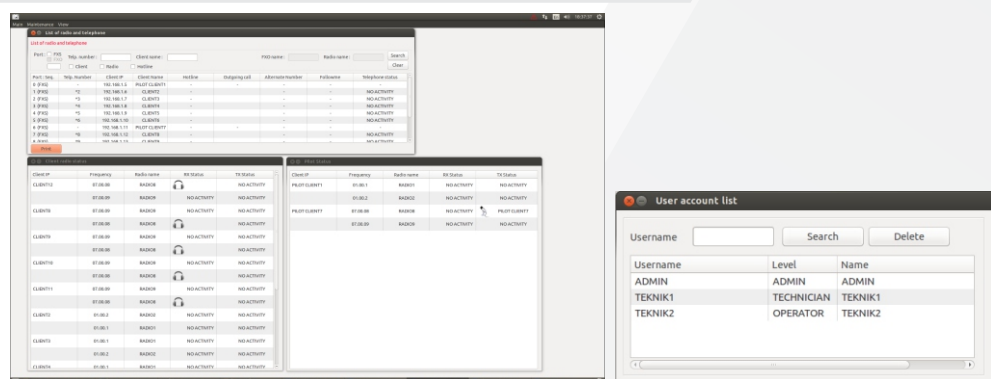


DIGITAL VSCS



ELSA Digital VSCS is the main equipment used to control voice communication. In this system hardware and software are designed using the concept of modular, network system, and online-configurable so as to facilitate installation, maintenance, expansion and operation. Voice communication control is done through a touch screen equipped with facilities to improve operating performance.



SPECIFICATIONS

- Redundant system and Power supply to meet high availability
- Devices : FXO, FXS, PSTN, PTT, SIP Phone, Audio TX to Radio, Audio RX from Radio.
- High Speed VOIP System (latency below 130ms – recommended ITU-T G.114)
- Channels : Up to 300 ch, Configurable.
- Touch screen Controller Working Positions
- Ready for VSAT network communication (with latency)
- Receiver Voting Function (Best Signal Selection/BSS) (optional)
- Remote Control Management system
- Meet document standards ED-137, ITU-T G.114
- Audio Link Delay Compensation Module (optional)

For more information on ELSA products and services, visit www.elsa.co.id

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DIGITAL VSCS

TECHNICAL SPECIFICATIONS

VSCS Feature

1. Fully Redundant System
2. High Availability
3. Modular System
4. Processor Failure Detection
5. Automatic Change Over
6. Remote Control Management System (RCMS)
7. VOIP System
8. Multiple CWP (Controller Working Position)

Communication Data

1. HF
2. VHF Transmitter and receiver include PTT
3. VSAT
4. Hot-line telephone

Controller Working Position (CWP)

1. Integrates with digital transmission E1 (or T1) format and ATS-QSIG signaling (optional interface)
2. Encoding : G.711ulaw, G.711alaw, G.722 (wide band) vocoders, G.729A (optional)
3. I/O : Touch screen panel display, footswitch, speaker, headset with PTT & handset with PTT
4. Dual Ethernet / LAN
5. Radio multi-monitoring and PTT multi-transmission at the same time
6. Hot lines for coordination using telephone, VSAT and PSTN
7. Passwords for Multiple Users and Levels
8. Configuration Command Level
9. Volume Control for Radio and telephone
10. Best Signal Selection (BSS) (Optional)
11. Automatic Transfer Selection
12. Status for Radio and Telephone (Out of Service, Busy, Call in, etc)
13. Voice Recording (the last 30 minutes of conversation)
14. Synchronized Clock with master clock (GPS)
15. Loud Speaker

Remote Control Management System (RCMS)

1. Passwords for Multiple Users and Levels
2. Configuration Command Level
3. CWP monitoring and setting
4. Backup and restore CWP setting
5. CWP statistic
6. Event Log
7. Non-Volatile Data Storage
8. Alerting and alarm
9. Remote Diagnostic Test

Radio Interface

1. Hot plug radio interface
2. Radio VOIP System
3. Redundant System
4. Select-able Tx and Rx button for transmitting and receiving radio frequency
5. Best Signal Selection (BSS) (Optional)
6. Encoding : G.711ulaw, G.711alaw, G.722 (wide band) vocoders, G.729A (optional)
7. Audio Link Delay Compensation Module (optional)

Telephone Interface

1. VOIP System
2. Telephone Call : Direct Access dan Indirect Access (Dial Pad)
3. Feature Telephone : Priority Call, Call forwarding, Hot lines, Follow me, Conference, Call pickup, Call Transfer, Hold, Conference, Speed Dial, Redial, Position Monitoring dan Line Monitoring, Call Queue dan Moving Call Queue, Line Hunting dan Line Privacy, Busy Indication on DA Keys .
4. Configurable Phone Book
5. Customize User Grouping with time scenario
6. digital transmission E1 (or T1) format dan ATS-QSIG signaling (optional interface)
7. Encoding : G.711ulaw, G.711alaw, G.722 (wide band) vocoders, G.729A (optional)

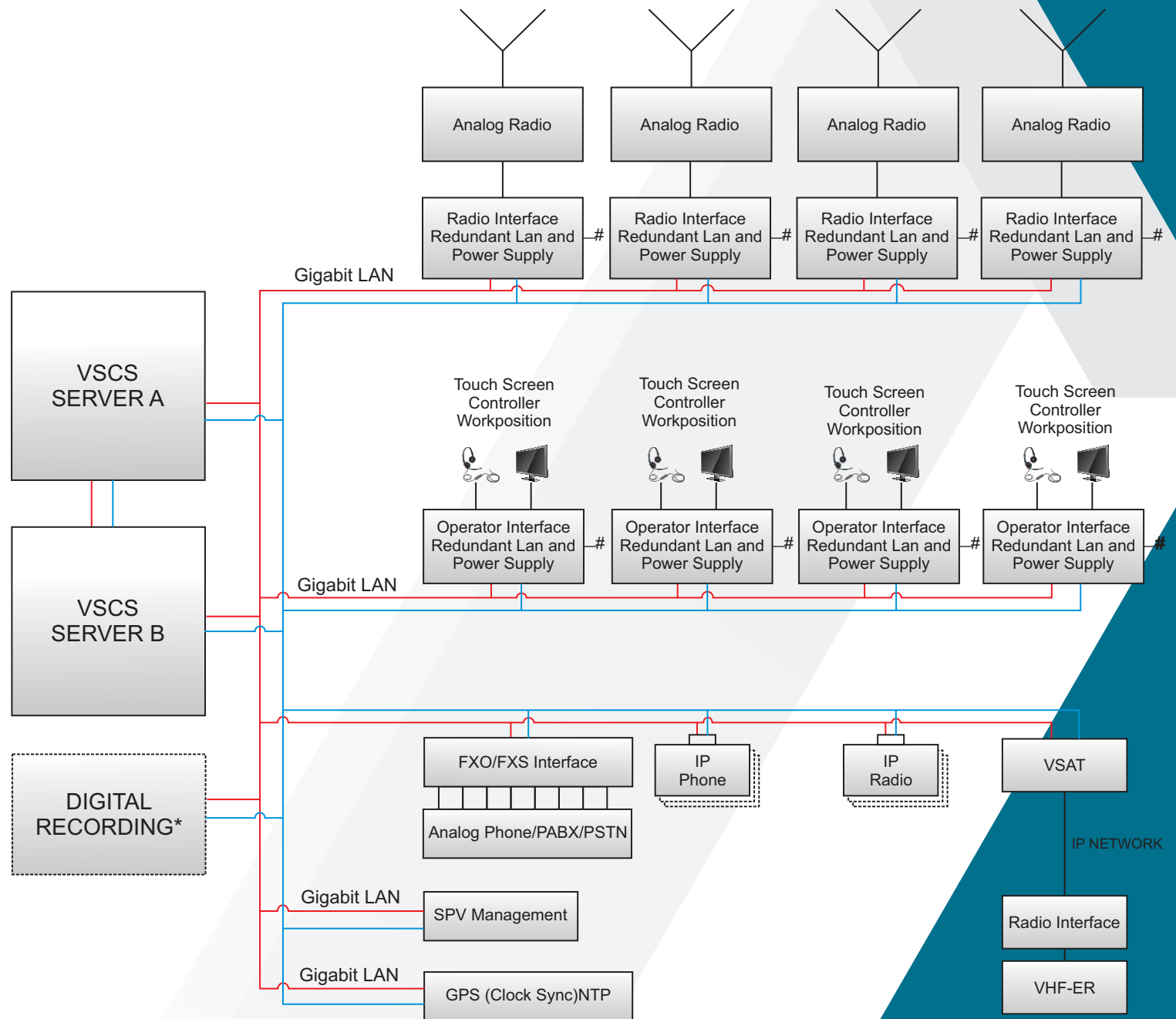
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DIGITAL VSCS

CONFIGURATIONS



Optional
Analog Recording Output

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