

Auto-Exchanger System

*IP Based PABX (Private Automatic Branch eXchange)
(Office7400), analog, digital, IP, mobile, PC and servers*

- AUTOMATIC TELEPHONE SYSTEM.

The Auto Telephone System is a telephone exchanger with reliability and durability for marine use. Its design is based on the latest micro-computer technology to control the system. The Digital Integrated Communication System is designed to meet nowadays requirements for internal communications and shore communications on board ships.

In particular, trunk lines are available for such external communication devices (Inmarsat-F, VSAT, Mini-M, VSM) and can be interfaced to many different kinds of intercom stations, including IP and network telephones connected using PSTN gateway. The design of system is expandable from 24 extension lines to maximum 500 extension lines and more, in step of 8 or 16 lines. The types of phone for selection include flush mount, wall-mounted, waterproof, portable, explosion-proof and intrinsically safe (presence of explosive gases in the area of operation), and they can be connected with horn/bell/flashing light.

The system is tested according to IEC60945 and pending certificate for CE by DNV Registry.



Desk / Flush Phone



Ex wall Phone



IP / Wifi Phone



PABX Main Cabinet

- Electric & Environment

- 1. Power Source : AC110/220V, 1Ø, 50/60 Hz
- 2. Emergency Power : AC or DC 24V (Ripple less than 5%)
- 3. Power Consumption : AC - less than 1000VA
DC - less than 45A (at 24V DC)
- 4. Temperature : -20°C ~ +45°C
- 5. Humidity : less than 90%
- 6. Certification : Submitted

- Capacity & function of the System

- 1) Extension 64 + Trunk 4 ~ Extension 500 + Trunk 16, more
- 2) E1/T1/PRI/Optic: up to 2-cards (60-ch)
- 3) Voip/Wifi/AP phone and soft phone (options)
- 4) Simultaneous Call: number of lines
- 5) Paging call: 3-Groups to PA system
- 6) Priority call
- 7) Group call and call pickup group
- 8) Wake-up call
- 9) Call transfer
- 10) Call forwarding
- 11) Camp-on
- 12) Hot line
- 13) Add-on conference: 5 Party, 6 Group
- 14) Self ring testing
- 15) System fails alarm & display
- 16) Handset hook fail alarm
- 17) Handset hook fail display
- 18) Main/emergency power automatic change & alarm display
- 19) Method for programming: key-phone, computer
- 20) ISDN Connection (Option)
- 21) VoIP (Option)
- 22) Call accounting (Option)
- 23) Remote access via network and internet (Option)
- 24) Flash, S-RAM, PC triple back-up memory
- 25) Local and network printer service
- 26) Recording and playback for PAGA paging (Option)
- 27) Time synchronization between master clock or GPS system
- 28) Interface among VSAT and LAN/WAN network
- 29) Voice mail server and ARS service
- 30) Standard QSIG service among PABX systems
- 31) Program password protection
- 32) Variety application

ISO 9001 & OHSAS 18001 Certified.

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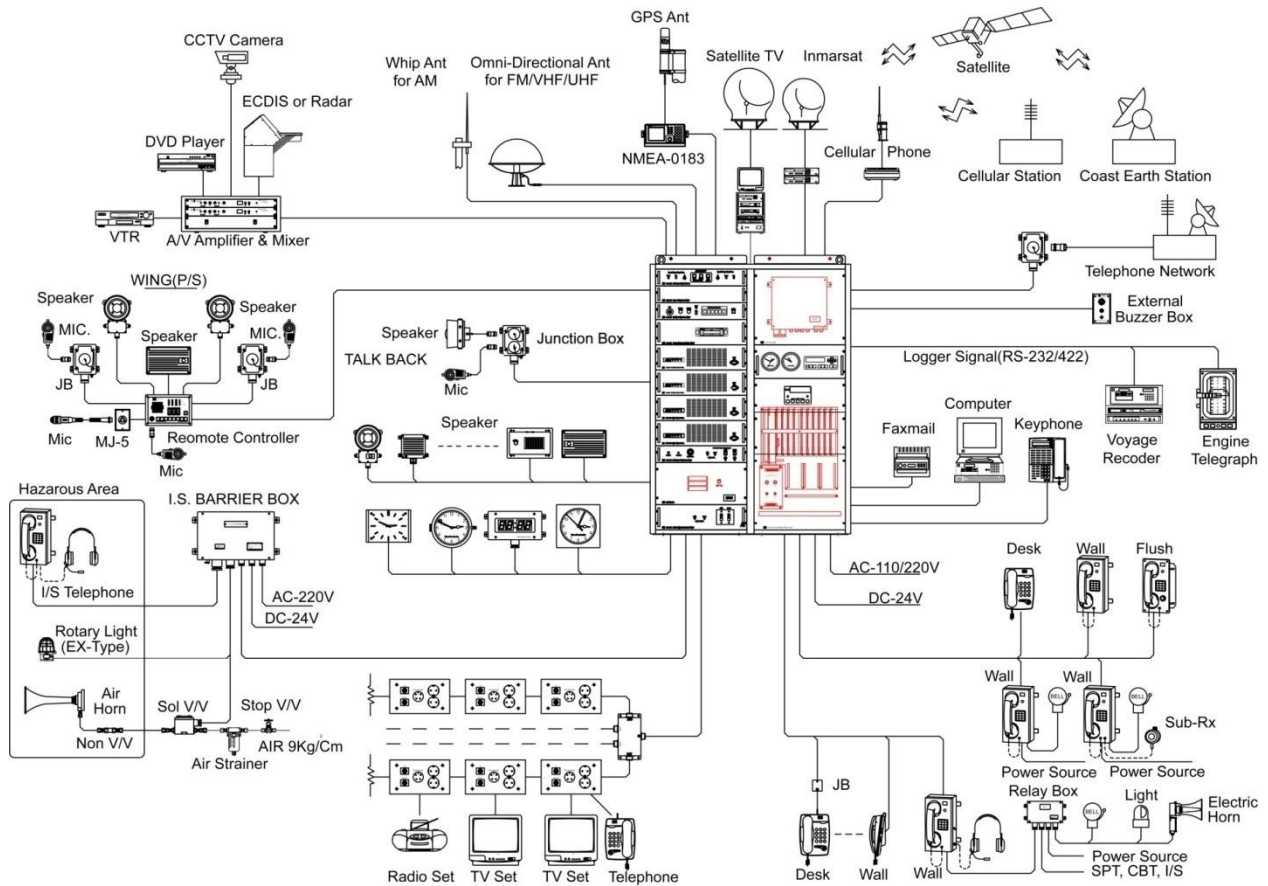
Auto-Exchanger System (Office7400)

*IP Based PABX (Private Automatic Branch eXchange)
(Office7400), analog, digital, IP, mobile, PC and servers*

- Integrated Communication System

- 1. PABX system : Analog, Digital, IP, Wifi Phone
- 2. PAGA system : Single or duplicated applications

- 3. Communal aerial system : IP-TV, CCTV, TVRO, DVD & etc
- 4. Master clock system : Slave clock interfaced with GPS



Integrated Communication System (PABX/PAGA/CAS/Clock)

Agent of MRC

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