

AIR TRAFFIC MANAGEMENT

NEPTUNO

Recording Solution for Air Traffic Management

indracompany.com

NEPTUNO



Neptuno records and plays voice communications and the consoles used in Air Traffic Management

Description

Neptuno is an Indra recording solution for Air Traffic Management (ATM). It records and replays the communications of the control centers and operator's consoles with accuracy and full availability. It has successfully proved its highest availability in more than 255 sites on five continents where it has been installed.



Flexibility

Neptuno is a modular recording solution that fulfills specific requirements of each user. Indra is developer and manufacturer of Neptuno system what makes possible to perform changes and add any functionality requested by the user.

Neptuno is presented with the following modules:

- AR Audio Recording
- CR Console Recording
- MR Multimedia Replay System
- VM Virtualized solution of any of the above.



Usability

Neptuno includes several tools in order to facilitate the user tasks:

- Web Interface
- Centralized Management
- Customizable reports
- Integration with external systems
- Scalable
- Synchronized playback and export of audio and consoles

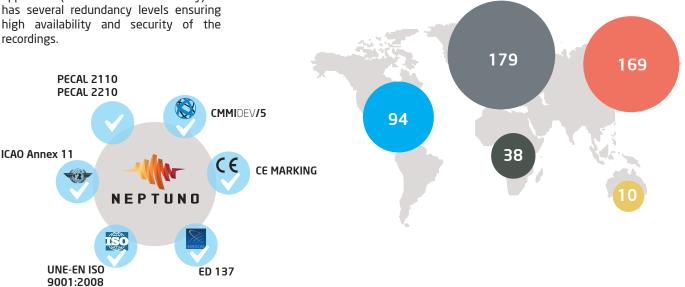


High availability

References

Neptuno is developed according to the strictest quality standards that are applicable (both civilian and military). It recordings.

24x7x365 on five continents



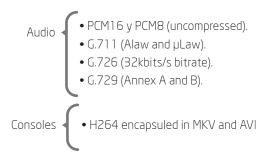
Technical specifications

Recording interfaces

Digital:

Audio • ISDN/Q931 Standard SIP 2.0 • DVI Video resolutions up to • Display port 3840×2160 Consoles < • HDMI Analogue: • Audio systems: Balanced lines of 2 or 4 wires Audio Telephony systems: FSX/FSO Consoles Proprietary networks: • Avaya

Storage formats



Backup system

- RDX
- Remote storage servers (NAS or SAN)
- iSCSI or USB hard disk

Security

- Encrypted storage
- Watermark and digital signature
- Impound player
- Secure communications
- Audit

Audio

CISCO

 Nortel TETRAPOL



