

MARATHON EVOLUTION - Perfect fit

Fits all needs - current and future

MARATHON EVOLUTION is an universal communications recording solution that satisfies the demanding requirements of busy financial trading floors, high volume contact centers, mission critical air traffic control centers and life-saving public safety control rooms. MARATHON EVOLUTION perfectly fits your current needs and is designed to evolve as your business grows.

Engineered to evolve, built to endure

MARATHON EVOLUTION, the WORLD'S FIRST Linux-based communications recorder, designed for all applications provides power, reliability and open source flexibility in a cost effective package. Based on recognised industry standards with built-in scalability, MARATHON EVOLUTION secures your investment in a critical area of your business.

A-la-carte feature selection

MARATHON EVOLUTION is the only communications recording platform that enables you to select exactly what you need for your current requirements and empowers you to add more functionality when your business demands it. MARATHON EVOLUTION, with its scaleable channel array, captures and records all interactions from 4 up to thousands of channels simultaneously. The system can be configured to record, live monitor and archive communications at one location and to provide search and replay facilities locally or via LAN / WAN, Intranet or Internet.

Distributed Recording Mode

This configuration provides the flexibility to connect multiple recording platforms, departments and/or locations and automatically transfer the data to the central INTERACTION Platform for on-line access and archiving providing unique disaster recovery capabilities.



Fast and efficient search and replay

ASC's advanced user interface applications allow easy access to calls and data over local networks (LAN/WAN), Intranet and Internet. Multi-language support is built into the system to easily provide for localization and support. All ASC applications are easy to use and deploy, require minimal training and administration, yet they produce amazing results.

ASC communications recording applications include:

- **POWERplay**, a feature rich application that allows playback over LAN/WAN connections.
- **WEBplay**, a powerful truly browser based search and replay interface that requires no proprietary software to be installed on user's PC.
- **INSTANT WEBplay**, a browser based interface for quick access to recent calls recorded on multiple channels.
- **Threat Call Recording**, a facility required by organizations who need to protect their company and employees' welfare while maintaining call privacy.
- **Last Call Repeat (LCR)**, a facility to provide the most recent calls from any telephone in the world.
- **INSPIRATIONpro**, a quality monitoring software for contact centers, improves the quality of customer interaction hereby reducing agent turnover, increasing productivity and profits.



Seamless integration

- Call Tagger provides free seating capability without CTI.
- Additional call details captured through CTI - CTI integrations into the most likely PBXs.
- Powerful APIs for easy to implement applications.
- Application Data Integration (ADI) – captures data from existing applications and tags it to the call. Additionally the application can control when the recorder starts and stops to allow you to record only pertinent details.

Technical Data

Channels and recording devices

Analog inputs 4 ... 192 channels
 Digital inputs 4 ... 120 channels MVTC, 15 ... 360 channels PRI,
 15 ... 480 channels PCM 30 / PCM 32
 or mixed configuration of analog / digital / VoIP
 VoIP 4 ... 32 channels (active) 4 ... 120 channels (passive)
 Hard disk (built-in) up to 175,000 channel hours (with 4.8 kbps)
 External storage Disk Array Storage (DAS), Network Attached Storage (NAS)
 Signal input (analog) symmetrically, 1 ... 200 mV or 10 ... 2000 mV;
 Impedance 600 ohms or > 22 kOhms
 Protocols (digital) PCM 30; PCM 32; PRI: E1 – ISDN / T1 – ISDN / T1 – RBS;
 BRI ISDN EDSS1, proprietary
 Voice over IP (VoIP) H.323, SIP, RTP

Audio input (analog)

Frequency range 300 ... 3400 Hz, +/- 3 dB
 Signal-to-noise ratio > 42 dB (A)
 Distortion factor < 3%
 Cross talk attenuation > 60 dB / 1 kHz
 AGC amplifier response time 20 ms / 20 dB
 recovery time 200 ms ... 4.7 sec. / 20 dB adjustable

Operation modes

Data compression 4.8, 16, 24, 32, 40 or 64 kBit/sec..
 selectable for each channel
 Start delay 0 ms
 Stop time 1 ... 120 sec. adjustable
 Time synchronization optional: NTP, input for minute pulse, DCF 77,
 GPS, IRIG B, IRIG E, Hopf
 output: minute pulse (option)
 Alarm contact relay outputs for optical and audible alarm (option)

Environment

Power supply 90 ... 250 V AC
 Temperature range +41 ... +95 °F (+5 ... +35 °C)
 Dimensions (WxHxD) 19 x 7 x 19,8" (483 x 177 x 503 mm)
 Weight approx. 50 lbs (25 kg)

Conformity

Security standards EN 60950, UL 60950 / CSA C22.2
 EMC / ESD EN 55022, FCC Part 15 class A,
 EN 55024, EN 61000-3-2, EN 61000-3-3
 PTT FCC Part 68, TBR 3, TBR 4, TBR 21, PTC212/05/003

Subject to change without notice

Highlights

- Enhanced reliability, security and performance through Linux operating system
- Scalable channel array allows for virtually unlimited recording channels
- A-la-carte features – you only purchase what you need
- Powerful, browser-based user interfaces make it easy to use, install and manage
- Multiple recording configurations for single site/department or your entire enterprise
- Open, flexible APIs enable integration with existing customer applications
- Selective and rules based recording and archiving
- Reduced service and maintenance costs through install wizard, recovery tools and remote maintenance

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