



Our Focus is Customer Success

AIS and our flagship product CORE were born out of our own real-world need to rapidly re-establish critical business communications in the aftermath of a hurricane which crippled local infrastructure. With a deep understanding of communications technology, extensive operational experience, and a passionate commitment to supporting our customers, AIS is able to deliver best-in-class interoperable solutions.



Seamless Connectivity

AIS provides interoperable communications solutions that enable public and private organizations to achieve seamless connectivity, even in the most challenging environments.

Industry-Leading Support

From sales through deployment and operation, the AIS team provides the in-depth training, service, and support necessary to ensure our customer's success in real-world operations.

Tailored Solutions

AIS delivers solutions—our engineers design each system to meet our customer's most demanding and specific requirements.

CORE Specifications

Power
AC 110/220
DC 12V
1200 watts

Height
20.4"

Width
26.5"

Length
43" with doors on

Weight
<100 lb

Temperature Range
-18° C min
40° C max
Active Thermal Control

Frequency
GSM all Band 2G 3G 4G
LTE
UMTS
BAND 14 LTE (FirstNet)
Multi carrier bonded LTE

Wi-Fi
802.11 a/b/g/n/ac
PiP, PiMP, Mesh

Encryption
ZRTP media encryption
256bit+ data encryption
FIPS compliant

Client Application Server
(standard build)
Windows Server 2016
1 TB capacity
2 x 14 core Xeon Processors
64GB RAM

Channels
16 cellular/LTE
8-30 radio networks
Up to 1000 extensions
2 PRI/BRI
32 FXS/FXO

SMS throughput
100 sms/second

Onboard SIM capacity
60 sims

Virtual SIM Capacity
24,400 sims at centerpoint

User Assignable DID
No limit

VPN
Wide area WAN
Encrypted
Compression
Rain mode

Communications Protocols

Audio: G711u/a, GSM, G719, G722, G723, G726, G729, SPEEX, ADPCM, ILBC, SIREN7/14, SILK, SLIN, LPC10, OPUS

Video: H264, MPEG4, VP8, H263/p, H261
Microsoft Lync compatible (WRTC)
SMS: SMPP, XMPP

Radio: VHF, UHF, HF, 700MHz, 800MHz, 900MHz, Trunked, p25, sideband, (all analog/digital with IP interface)

