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Aeonix is a pure software based Unified Communications & Collaboration (UC&C) solution that consolidates diverse business applications into a single powerful platform. It is an open architecture system based on a strong foundation that is fault tolerant. Aeonix can be deployed in a private or public cloud environment and as an on-premise or hybrid solution.

Aeonix is designed to meet the current and future challenges faced by distributed enterprises:

**Scalability** – Aeonix’s open architecture allows customers the flexibility to buy and install only what they currently need, and to add users, remote locations and additional applications as they become necessary. The standard system solution has the ability to provide service from 20 to 25,000 users using the same software, applications and endpoints.

**Simplicity** – Aeonix includes unified management of all system services and applications. An intuitive GUI and a simple licensing mechanism make it easy to deploy, manage and maintain. Adding users, remote sites, or applications to one Aeonix server automatically updates all Aeonix servers in the network.

**Open Architecture** – Aeonix supports standard protocols such as SIP, CSTA, and web services. This architecture allows customers to seamlessly integrate a variety of common applications and to add services devices to the system. Aeonix security ensures system integrity and prevents unauthorized operations.

**Resiliency** – Aeonix is a distributed solution with no single point of failure using a unique implementation of Active-Active high availability. It delivers the highest level of fault tolerance and proactive resiliency.

Aeonix delivers powerful, flexible, and adaptable communications to enterprises both large and small. Its simple unified management structure ensures that customers experience the lowest total cost of ownership (TCO) with minimal IT resources required.
Unified Communications Platform
Aeonix is a pure software based Unified Communications & Collaboration (UC&C) solution that consolidates diverse business applications into a single powerful platform. It is an open architecture system based on a strong foundation that is fault tolerant. Aeonix can be deployed in a private or public cloud environment and as an on-premise or hybrid solution.

Cloud Telephony
Tadiran's "Bring Your Own Cloud" approach empowers businesses of any size to select a cloud provider of their own choosing for their Aeonix UC&C installation. While many communications solutions are restricted to the provider's own cloud infrastructure or cannot be deployed on the cloud at all, Tadiran's BYOC approach offers the flexibility of choosing the most suitable cloud service provider.

Contact Center
The Aeonix Contact Center is an all-in-one contact center management solution which provides customers with an out-of-the-box customer service center including sophisticated call blending and automated callback features. Its multimedia queue management enables intuitive, prompt and personalized attention to every customer interaction.

Dispatch Console
The Aeonix Dispatch Console application simplifies and optimizes daily dispatch communication operations. It allows organizations to rapidly respond to incidents, emergencies and facility events. The ADC also supports interoperable communications among users of all devices (wherever they are located), and provides control of remote extensions through an easy to use on-screen touch interface.

Unified Communications Client
The Aeonix Touch is a comprehensive, feature rich unified communications application designed for direct connectivity to users or groups of users in any business environment. This UC client offers a full range of capabilities that combine all the benefits of a standard phone with the convenience and flexibility of a mobile software application.

SME Telephony Appliance
Aeonix SE is a Small Enterprise telephony appliance, elegantly packaged in a slim 19"1U box. The Aeonix SE boasts a majority of the features of the enterprise-grade Aeonix Unified Communications and Contact Center platform such as: PBX features, Contact Center, Unified Messaging, Audio Conferencing, and Attendant Console which are included to make this a perfect match for small enterprises with the same communications requirements as large organizations.

Attendant Console
A complete unified desktop communications productivity tool, the Aeonix Attendant Console provides attendants with a personal portal for intelligently routing company inbound and outbound calls on behalf of other Aeonix users.
Call Accounting

Aeonix Call Accounting is a robust, feature-rich call accounting application, delivering complete visibility into the system’s telecommunications usage. Aeonix Call Accounting allows your company to comprehensively and securely manage telecommunications by tracking all incoming and outgoing calls. The data collected can instantly be accessed in the form of statistical reports. In addition, desktop phone, soft-phone and mobility call records can be tracked for a holistic view of all telecommunications usage.

Video Conferencing

Vidyo provides a high quality multi-point video conferencing solution that is dynamically optimized for each endpoint, unencumbered by delay and free from broken images. Dramatically more efficient than legacy MCU equipment, each Vidyo router can support up to 150 simultaneous HD connections. This modern architecture improves the overall video conferencing experience and reduces the cost of ownership making for effective and affordable large scale deployments.

Audio Conferencing & Web Collaboration

Aeonix Audio Conferencing & Web Collaboration is an advanced application allowing multiple scheduled or ad hoc conferencing with desktop sharing. It provides employees with additional means of communicating with customers and colleagues allowing them to increase productivity, lower company expenses, by reducing the need for travel, while keeping their customers better informed.

Call Recording

The Aeonix Logger is a pure IP solution based on SIP active recording that allows recording of any endpoint and logical entity in the system. It enables full recording solution for contact centers, transportation, utilities and other vertical markets as well as record on demand for any user and can be deployed in a central location or multiple locations to provide high availability and load balancing.

Session Border Controller and SIP trunks

The SBC allows remote users and SIP trunks to securely connect to the Aeonix. Using Aeonix’s unique SIP technology, remote users using the SBC maintain complete functionality when working from home using remote desktop phones. The SBC provides a front end gateway ensuring Aeonix remain secure within the customer’s network thus eliminating the risk of hacking, denial of service and other attacks. Since SIP trunk functionality is not standardized, the SBC also increases interoperability and reduces technical issues when connecting SIP trunks to Aeonix.
The benefits inherent in the Aeonix platform are magnified when combined with the benefits of a cloud infrastructure and include:

- **Disaster Recovery** – Built in redundancy on the cloud provides an automatic disaster recovery option. This guarantees business continuity with overall survivability regardless of failure at any single location.
- **Cost Effective** – Aeonix on the cloud further minimizes operational and capital costs for organizations choosing this solution.
- **Rapid Deployment** – Aeonix can be deployed on the cloud using an image file which ensures easy deployment and maintenance.
- **Scalable** – With Aeonix’s flexible single licensing mechanism and the cloud’s unlimited infrastructure, you can easily add new sites, users and applications.
- **Flexible** – Businesses can deploy applications across the network or host specific applications in corporate locations. No functionality is lost by moving off premises.
- **Secure** – Whether in the cloud or on premises, Aeonix ensures access via secured connectivity.

Cloud Telephony

The Aeonix Cloud Telephony solution enables businesses to move their computing resources to the cloud while simultaneously delivering security and redundancy. In addition to this cloud offering, Aeonix servers can also be deployed on customer premises, making this true hybrid cloud solution. Aeonix guarantees business continuity with overall survivability regardless of failure at any single location.

Tadiran’s “Bring Your Own Cloud” approach empowers businesses of any size to select a cloud provider of their own choosing for their Aeonix UC&C installation. While many communications solutions are restricted to the provider’s own cloud infrastructure, or cannot be deployed on the cloud at all, Tadiran’s “Bring Your Own Cloud” approach will offer the flexibility of choosing the most suitable cloud solution such as Microsoft Azure, IBM Softlayer, Google Compute Cloud and Amazon Web Services (AWS).
Aeonix SE

The Aeonix SE is a Small Enterprise business telephony appliance, elegantly packaged in a slim 19” 1U box. The Aeonix SE boasts a majority of the features of the enterprise-grade Aeonix Unified Communications and Contact Center platform such as: PBX features, Contact Center, Unified Messaging, Audio Conferencing, and Attendant Console which are included to make this a perfect match for small enterprises with the same communications requirements as large organizations.

The Aeonix SE Appliance comes pre-configured with 20 Unified Communications users and scales up to 100 users. It offers customers the ability to reduce costs, increase customer satisfaction, and improve workforce efficiency while enjoying the same user experience and management tool the full Aeonix platform provides. End users will be getting the highest performing business telephony software available in the market today at an affordable price.

Intelligent and Rich in Features:
- Pre-Installed, Pre-Configured & Pre-Activated
- From 20 up to 100 Business Telephony Users
- Conference Call Up to 50 Users
- Contact Center Up to 25 Agents
- Enterprise Voice Mail
- Unified Messaging
- Mobility (Call Forking, Call Back, Call Through)

Hardware & Network Connectivity:
- 1U Chassis
- 4 FXS Ports
- 1 PRI
- 128GB SSD Drive
- 2x1G Ethernet Connection

Upgrade Path to a Full UC Platform:
Aeonix SE end-users will have the ability to migrate to a full Aeonix UC platform (serving above 100 users) and smoothly migrate to a private cloud solution to further enhance system performance. From new enterprises seeking a small solution to existing small enterprises who anticipate growth, the Aeonix SE is the perfect solution.

Supports clustering for high availability and cloud disaster recovery
Aeonix Touch

Aeonix Touch is an invaluable tool for maximizing efficiency in all areas of inter and intra company communications. The Touch offers a multitude of time saving features for the user and cost saving features for the owner.

Aeonix Touch provides many benefits to organizations. For users who are located within the office, all calls may be placed and answered using the computer thus eliminating the need for a desk phone. For users who travel, the Aeonix Touch enables them to bring their office phone with them and be connected from wherever they are in the world using any internet connection.

The Aeonix Touch provides users with a flexible, fast and secure productivity tool.

Features of the Aeonix Touch:

- Presence indication of other users within the organization
- Instant Messaging
- Conference Management
- Video Calls
Dispatch Console

Aeonix Dispatch Console simplifies and optimizes daily dispatch communication operations. It allows organizations to rapidly respond to incidents, emergencies and facility events. It also supports interoperable communications among users of all devices (wherever they are located) and provides control of remote extensions through an easy-to-use on screen touch interface.

The console allows dispatchers to monitor and coordinate incident management responses for emergencies and day-to-day operations across multiple locations.

The console is implemented as a pure HTML 5 Web Application and runs from within any desktop web browser or from a mobile device such as a tablet or a smart phone.

Intuitive GUI for accessing essential dispatcher features:

- Revolutionary design
- Group division of users
- End-points status (Presence)
- Incoming call display
- Priority Answer
- Answer the incoming call via two (2) handsets
- Outgoing calls using one-touch button
- End calls using one-touch button
- Call history Search (incoming, outgoing and missed calls)
- Speed-dial using touch screen
- Break-In
- Silent Monitor
- Zone Page
- Hold
- XFER
- 3-way conference
- Managed Group Call (Conference of many participants)
- Reporting
- Screen lock
- Visual alerts to the Dispatcher
- Contact list Sync with Aeonix, public directory
- Multi Language support
- Night Service
- Call recording
Contact Center

The Aeonix Contact Center is an all-in-one contact center management solution which provides customers with an out-of-the-box customer service center including sophisticated call blending and automated callback features. Its multimedia queue management enables intuitive, prompt and personalized attention to every customer interaction.

Key benefits:

• All in one solution – Provides a one server solution for UC&C and Contact Center applications and feature sets. Single server deployment with intuitive and central management capabilities reduces time, footprint, and resources required to manage the system.

• High Availability - Superior high availability with regional redundancy enables the contact center to provide uninterrupted service in the case of hardware or network failure.

• Easy to operate and easy to maintain – Applications were developed with the end user in mind. No IT specialist is required to make changes or to generate reports; the ACC can be managed with ease by the contact center supervisor.

• Total Cost of Ownership – Customers are looking for solutions that can provide “more for less”, something that the Aeonix Contact Center is especially well-positioned to do. With minimum hardware required, as well as simple implementation and maintenance processes, customers enjoy the lowest possible total cost of ownership.

The Aeonix Contact Center solution integrates with business applications in multi-site distributed environments. The system enables up to 600 concurrent agents to view and act on relevant information including recent business history, while speaking in real time with customers. It supports outbound dialing, allowing simultaneous call handling, and call initiation by agents. It also helps managers optimize agent time and contact center use by proactively placing calls for campaigns or follow-up communications. Aeonix Contact Center applications monitor contact center activities, generate reports that summarize the past performance of the system over a given time period, and provide statistical analysis of contact center behavior within a specified period. In addition, supervisors can control and adjust contact center staffing and behavior to address changing conditions.
Contact Center

Aeonix Contact Center Main Features

- **High Availability** - Superior high availability with regional redundancy enables the contact center to provide uninterrupted service in the case of hardware or network failure.

- **Robust, true multimedia universal queuing** – enabling call center managers to easily prioritize customers and incoming contacts regardless of the media used. The same set of business and routing rules can be applied to voice / chat calls, emails, and faxes.

- **Multi-layer routing options** – including Priority, Skill Based, Statistical, Business Rules, and Customer Defined Values.

- **Sophisticated self-service IVR tools** – enabling managers to design routing plans and accurately assess contact center activity trends.

- **Outbound, Callback and Campaigns** – including progressive, preview and automated outbound dialing.

- **Superior management tools**
  
  Real-time Monitoring – providing supervisors with statistical information about the current status of the contact center.
  
  Cradle to grave Reports – for collecting all information from call entry to call termination and call profile details for internal investigation purposes.
  
  Historical Reports – enabling users to generate historical statistical reports for evaluating and optimizing contact center activity.

- **CRM and database integration** – Aeonix Contact Center provides interfaces for integration with external applications, CRMs, databases and web services.
The Aeonix Logger is a pure IP solution based on SIP active recording that allows recording of any endpoint and logical entity in the system. It enables contact centers, financial institutions, transportation, utilities, public safety and other vertical markets to comply with regulations and document all information related to business operations.

**Highlights:**
- Affordable – professional voice logging with superior cost-performance ratio.
- Supports a variety of voice sources – automatically records a wide range of voice sources. Designed with cutting edge hardware and software, it is capable of recording multiple channels simultaneously, and can be tailored to specific needs and configurations.
- Scalable and Modular – one platform saves customers’ investment. All input channels, including incoming analog lines, digital extensions, digital and SIP trunks and IP phones are centralized into a single Logger.
- Flexible approach – including Total Recording, Selective Recording, and Recording on Demand.
- Adaptability – can be installed and used as a standalone recording system for single site recording or as a centralized recording server for larger communication networks.
- Powerful – comprehensive voice logging, search, monitoring, and playback capabilities.
- Screen Monitoring & Logging – Screen capturing, monitoring and playback can be executed by any client workstation on the LAN.
- Browser based management – allows users to manage, access, search, and playback audio records in an easy, intuitive manner.

**Active Recording**

Based on SIP active recording, Aeonix Logger enables recording of any endpoint and logical entity in the system. These include analog phones, digital phones, digital trunks, VoIP phones, SIP trunks and more. Active recording is transparent to deployment and network topology. This enables centralized recording and does not require any port mirroring.

**Features:**
- Encryption
- Screen Recording
- Multiple recording
- Total selective
- Sticky recording
- Cloud ready
The Vidyo solution uses our patented dynamic video adaptation technology to perform transcode-free packet switching over common IP networks. The result is high-quality multipoint video conferencing that is dynamically optimized for each endpoint, unencumbered by delay and free from broken images. Dramatically more efficient than legacy MCU equipment, each VidyoRouter can support up to 100 simultaneous HD connections; to increase capacity, simply deploy a VidyoRouter XL (up to 150 HD connections), or additional physical or virtual instances of VidyoRouter anywhere in the network. This smarter infrastructure improves the overall video conferencing experience and reduces the cost of ownership, making for effective and affordable large-scale deployments.

Quality and Performance
- Dynamic adaption to both degradation and recovery of each participant’s network link
- Supports native rate and resolution matching per endpoint, up to 4K UHD resolution
- Sustains conferences even during periods of high packet loss (up to 20 percent)
- Delivers HD quality over low-bandwidth connections (as low as 512 kbps)
- Imperceptible latency of less than 20 ms
- Supports Multipoint Content, where multiple participants share content at the same time
- Secured signaling and media using TLS and SRTP with FIPS 140-2 compliance

Deployment Flexibility
- Available as a physical or a virtual appliance
- Extends system capacity with additional networked VidyoRouter instances
- Supports distributed network deployment models for bandwidth savings through traffic localization and simplified firewall traversal
- Supports all types of endpoints, including room-based, desktop and mobile devices
- Interoperates with legacy systems via the VidyoGateway™ appliance or the VidyoWay™ interconnectivity service

Low Cost of Ownership
- Extremely efficient for large scale deployments
- Small footprint: a 1U physical appliance supports up to 100 HD connections...and up to 150 on VidyoRouter XL
- Cascades without transcoding to host very large conferences with hundreds of participants
- Maximizes asset utilization with “follow-the sun” floating capacity licenses
- Reliable performance on general-purpose IP networks extends reach to remote and mobile participants, and eliminates the need for expensive QoS-enhanced links
- Central reporting on utilization and conference details with the free VidyoDashboard™ virtual appliance

VidyoRouter Virtual Edition (VE)
- Same performance and capabilities as the physical VidyoRouter appliance, verified by VMware®
- Easy to deploy, manage, and scale
- Available in two capacities: VidyoRouter VE 100 and VidyoRouter VE 25
- Up to 12X more resource-efficient than the typical soft or virtualized MCU
- Certified “VMware Ready”
Aeonix Audio Conferencing & Web Collaboration

Aeonix Audio Conferencing & Web Collaboration is an advanced application allowing multiple scheduled or ad hoc conferencing with desktop sharing. It provides employees with additional means of communicating with customers and colleagues allowing them to increase productivity, lower company expenses by reducing the need for travel, while keeping their customers better informed.

Benefits:
- Improves teamwork among colleagues and customer in geographically dispersed locations
- Enables real-time sharing and exchange of information between co-workers and customers
- Reduces travel costs through enhanced collaboration tools
- Increases employee efficiency and productivity
- Eliminates monthly recurring charges for hosted solutions

Specifications:
- 8 to 120 audio ports
- 8 to 60 desktop viewing sessions
- Web based system and user administration
- Web based real-time view of conferences
- Audio recording of conferences
- Microsoft Outlook Scheduling
- Participant Transfer
- Conference Merging
- Application or Full Desktop Sharing
- Participant chat

Aeonix Call Accounting

Aeonix Call Accounting is a robust, feature-rich call accounting application, delivering complete visibility into the system’s telecommunications usage. Aeonix Call Accounting allows your company to comprehensively and securely manage telecommunications by tracking all incoming and outgoing calls. The data collected can instantly be accessed in the form of statistical reports. In addition, desktop phone, soft-phone and mobility call records can be tracked for a holistic view of all telecommunications usage.
Session Border Controller

The SIParator E-SBC is delivered either as a software system or as hardware solution platform, both fully certified to work with Aeonix UC&C. The SIParator ensures integration between Aeonix UC&C and remote users with SIP telephones, as well as with SIP trunk service providers, resulting in fast, simplified deployments. The E-SBC easily configures to work with the Aeonix and SIP trunk service providers.

Ingate SIParators employ Internet security features to protect the Aeonix installation, while also enabling remote NAT traversal. The SIParator can also use TLS and SRTP to encrypt SIP signaling and media for full privacy. These capabilities ensure that the enterprise security is maintained in SIP trunk deployments. Tadiran Telecom requires that an SBC be used for SIP trunks and remote SIP stations to ensure interoperability and remote NAT.

Fraud and Theft Prevention

- Digest Authentication of users
- IP Address Authentication of users
- Authentication of Remote users
- No call completion or media transfer for unauthorized usage

DoS Protection

- Prevent attacks from reaching core infrastructure
- Protect SBC overload attacks
- General Firewall DoS protection mechanisms
- SIP IDS/IPS (Intrusion Detection and Prevention System)
- Attack recognition (signature rule pack)
- SIP message rate limiting
- Results in attack blocking by built-in firewall
- Allow trusted/authenticated SIP users access while under DoS attack

Access Control

- Only valid SIP sessions allow media passing
- Filter specific devices or whole networks on a perapplication basis
- Permit access to trusted devices or networks
- Permit access to / from authorized users
- Permit access to pass through registered users

Monitoring and Reporting

- Monitor and report on alarms for attacks and overload
- Audit trails for attack response & fraud investigation
- Provide secure monitoring & management access to protect from unauthorized personnel
Aeonix offers a range of entry-level, mid-range, and executive terminals offering large graphic displays with video conferencing capabilities.

In addition to Tadiran’s broad range of SIP phones, Softphones, Wireless phones and Attendant Consoles, Aeonix’s adherence to SIP open standards allows companies to choose their own SIP compliant phones (BYOD), including smartphones.

Tadiran SIP phones offer both executives and office workers superior high definition voice quality in every call. Users can personalize their settings directly via the phone or via a user-friendly, web-based administration, as well as benefit from both local and centralized phone directories. Models include:

Executive Phones

**T49G**
Tadiran’s video collaboration phone T49G is designed for executives and teleworkers. It strikes the perfect balance between simplicity and sophistication, enabling high quality communications for business executives and professionals alike. With an enlarged, eight-inch, liquid crystal display (LCD) touch screen measuring 1280 x 800 pixels, as well as high definition (HD) video and audio, T49G facilitates seamless and efficient collaboration between employees, business partners, key stakeholders and customers.

**T48G**
The T48G is designed specifically for both local and international use by business, industry and commerce. It incorporates a large touch panel that makes switching between different screens and applications swift, easy and convenient. The T48G’s HD technology very carefully creates the impression that you are sitting virtually face-to-face opposite the person at the other end of the call. The T48G is also built for Gigabit Ethernet and facilitates very rapid call handling and the application of accessories such as a Bluetooth USB Dongle, plus wired and wireless headsets. This IP Phone supports impressive productivity-enhancing features which make it the natural and obvious efficiency tool for today’s busy executives and professionals.

**T27G**
Tadiran’s T27G is a feature-rich SIP phone for business. It has been designed by pursuing ease of use in even the tiniest details. Delivering a superb sound quality as well as a rich visual experience, the T27G also offers a wide range of functions such as SCA, BLF list, call forward, call transfer, 3-way conference, and more. The T27G uses standard encryption protocols to perform highly secure remote provisioning and software upgrades.

Management Phones

**T46G**
The T46G is an IP Phone for executive users and busy professionals. The new design appearance, with a high resolution TFT color display delivers a rich visual experience. Optima HD technology enables rich, clear, life-like voice communications. The T46G supports Gigabit Ethernet, a variety of device connections, including EHS headset and USB. With programmable keys, the IP Phone supports vast productivity-enhancing feature requirements.

**T23G**
T23G – Tadiran’s T23G features an intuitive user interface and enhanced functionality which makes it easy for people to interact and maximize productivity. As a cost-effective IP solution, the T23G helps users streamline business processes and delivers a powerful, secure and consistent communications experience for small and large office environments.
Entry Level Phones

T21P- E2
T21P E2 takes entry-level IP phones to a level never achieved before. Making full-use of high-quality materials, plus an extra-large 132 x 64-pixel graphical LCD with backlight, it offers a smoother user experience, much more visual information at a glance, plus HD Voice characteristics. Dual 10/100 Mbps network ports with integrated PoE are ideal for extended network use.

T42G

Revolutionary phone for Business
The T42G is a feature-rich SIP phone for business. The 3-Line IP Phone has been designed by pursuing ease of use in even the tiniest details. Delivering a superb sound quality as well as rich visual experience, it supports seamless migration to GigE-based network infrastructure. With programmable keys, the IP Phone supports vast productivity-enhancing features. Using standard encryption protocols to perform highly secure remote provisioning and software upgrades.

Conference Phones

CP860
The Yealink CP860 IP conference phone is a perfect choice for small and medium-sized conference room and can meet the demands of up to 16 people with optional expansion microphones. The CP860 provides many important audio features including optima HD technology, a build-in 3 microphone array, full-duplex technology and acoustic echo cancelling.

Expansion Modules

EXP 40
Compatible with T48G and T46G Phones

EXP 20
Compatible with T27P/G Phones
Gateway Solutions

**TGW 4S**
- The TGW 4S is a small and very cost effective 4 port Analog VoIP gateway
- Configuration: 4 FXS (Analog phones)
- LAN Connections: 1 WAN port, 1 PC port. Supports 10/100Mbps
- Power: 5VDC via external power pack
- Features: Caller ID, Echo cancellations, High Availability, T.38 fax

**TGW8x-2G**
- The TGW 8x-2G is a high performance analog VoIP gateway for the SMB market
- Configurations: 8 FXS, 8FXO, 4FXS/4FXO
- LAN Connections: 1 WAN port, 1 PC port. Supports 10/100Mbps
- Power: 5VDC via external power pack
- Features: Caller ID, T.38 Fax, High Availability, Echo cancellations, Internal Routing Table

**TGW16-2G, TGW 24x-2G**
- The TGW 16-2G and the TGW 24x-2G are cost effective analog VoIP gateway solutions for SME
- Configurations: 24FXS/24 Concurrent Calls), 24 FXS (16 CC), 16 FXO (16 CC), 8FXS/8FXO (16 CC)
- LAN Connections: 1 WAN port, 1 PC port. 10/100Mbps
- Power: 110-240V AC or 48V DC
- Features: Caller ID, T.38 Fax, High Availability, Echo cancellations, Internal Routing Table

**TGW96-xx-2G**
- The TGW 96-xx-2G family are enterprise grade, flexible, analog VoIP gateways allowing hundreds of configurations to suit customer needs
- Chassis types: 24 Concurrent Calls-1AC, 96 Concurrent Calls-1AC, 24 Concurrent Calls-2AC, 96 Concurrent Calls-2AC, 24 Concurrent Calls-2DC, 96 Concurrent Calls-2DC
- Module Types: 24FXS, 24FXO, 12FXS/12FXO, 16FXS/8FXO
- LAN Connections: Dual Ethernet ports supporting 10/100/1000Mbps
- Power: 110-240V AC Single or Dual, 48V DC dual
- Features: Caller ID, T.38 Fax, High Availability, Echo Cancellations, Internal Routing Table

**Not Available in USA**

**TGWxE1-2G**
- The TGWxE1-2G is an ISDN/PRI VoIP Gateway
- Configurations: 1/2/4 PRI connections
- LAN Connections: Dual Ethernet ports supporting 10/100/1000Mbps
- Power: 110-240V AC Single or Dual or 48V DC dual
- Features: Supports E1 or T1, ISDN/PRI Signaling, T.38 Fax, High Availability, Echo cancellations, Advanced Internal Routing Table
Gateway Solutions

Mediant 800
The AudioCodes Mediant 800 Gateway offers a complete connectivity solution for small-to-medium sized enterprises. Supporting up to 30 voice channels in a 1U platform, the Mediant 800 provides versatile connectivity between TDM and VoIP networks.

The M800 is used to connect the Aeonix to the PSTN.

MP118 Gateway
The AudioCodes MP118 Gateway has 8 voice ports and supports a lifeline for E911 and network failures. It integrates via FXS, FXO (or mixed FXS/FXO), or RJ11 interfaces. Feature highlights include: T.38 fax compliant, rich subscriber feature set: 3-way conference with local mixing, call pickup, hunt groups, call forwarding, call hold and call transfer, echo cancellation, jitter buffer, voice activity detection (VAD) and comfort noise generation (CNG). The MP118 complies with the SIP protocol and provides Stand Alone Survivability (SAS) when there is no IP connection between branch locations and a central SIP server, SIP proxy or central IP-PBX.

MP124 Gateway
The AudioCodes MP124 Gateway has 24 voice ports and integrates via FXS or 50-pin Telco Connector. Feature highlights include: T.38 fax compliant, rich subscriber feature set: 3-way conference with local mixing, call pickup, hunt groups, call forwarding, call hold and call transfer, echo cancellation, jitter buffer, voice activity detection (VAD) and comfort noise generation (CNG). The MP124 complies with the SIP protocol and provides Stand Alone Survivability (SAS) when there is no IP connection between branch locations and a central SIP server, SIP proxy or central IP-PBX.
About Tadiran

For over 50 years now Tadiran has been serving businesses of all sizes, including some of the world's largest companies and organizations in various market segments across 41 countries worldwide. Offering a comprehensive family of products including Unified Communications & Collaboration platform, Contact Centers and Business phones. Tadiran provides superior solutions, support, and service to our global customer base.

Tadiran Telecom’s award-winning Aeonix product suite is a best-in-class solution that covers the full spectrum of communication requirements, from comprehensive communications platforms and contact centers to applications, terminals and easy to use management tools.

Tadiran aims to ensure smooth integration with third-party systems and endpoints as well as legacy systems, while emphasizing flexibility, reliability and high security. Research and development is at the core of Tadiran’s operations. By ensuring rapid product development, Tadiran continuously meets changing market needs as they arise, while partnering with leading technology companies for reduced time to market.

Tadiran is focused on the highest quality in all aspects of operations, from finished products to customer service. This translates into dependable communication solutions that meet the most exacting standards, and a broad client base that appreciates the excellence of product quality, courtesy, rapid response and high level of expertise it receives.

Tadiran is a subsidiary of Afcon Industries, a financially robust conglomerate involved in developing a wide variety of businesses in the industrial and services sector. Tadiran has regional corporate offices in the USA, China, Israel and India.

The company’s global presence is well established, with over 200 Business Partners and affiliates around the globe. Upwards of 200,000 businesses and organizations in various vertical markets benefit from Tadiran's quality solutions and service today.