



Ampletrails

TELECOM & SECURITY SOLUTIONS



10,000+
Government Customers



Service Network
Across the Country



Designed, Developed and
Manufactured in India



IP Video Surveillance



People Mobility Management



Unified Communications

Ampletrails COMPANY PROFILE



Ampletrails R&D

All Ampletrails products are indigenously designed passing through the various product development stages beginning with product conceptualization, hardware design section, software designing and engineering. With more than 40% of its human resources dedicated to the development of new products, Ampletrails R&D is the foundation of its growth and sustenance. The R&D team designs products conforming to relevant international standards. Ampletrails makes substantial investment in R&D tools and equipment to stay abreast of the technological changes. **The Indian Ministry of Science and Technology has granted DSIR (Department of Scientific & Industrial Research) recognition to the Ampletrails R&D Center for its contribution to the industry.**



Ampletrails MANUFACTURING

Based at Vadodara in India, Ampletrails manufacturing unit is operated and managed by a team of professionally qualified and dedicated engineers. The structure houses various sections like production, quality control and supply management with a production capacity of about 10,00,000 ports per annum. With more than 60 products, Ampletrails manufacturing has been delivering cutting-edge technology products for more than two decades now.



Ampletrails MARKETING

The marketing team at Ampletrails strongly believes in value based marketing and strong networking. Right from product conceptualization, designing to the commercial marketing, Ampletrails adopts a completely global approach. Backed by an extensive network of more than 2,500 channel partners across the globe, Ampletrails ensures that the products serve the customer needs- faster and longer. Various marketing tools and activities including marketing collaterals, solution designing, online, and print media communication, promotional and networking activities form very elemental to Ampletrails marketing.



PEOPLE MOBILITY MANAGEMENT SOLUTIONS

Right People in Right Place at Right Time

- . Face Recognition, Palm Vein, Fingerprint, RF Card and PIN
- . Aadhaar Enabled Biometric Attendance System
- . Access Control & Time-Attendance
- . Cafeteria Management
- . Employee Self Service Portal
- . Contract Workers Management



UNIFIED COMMUNICATIONS

Collaboration. Connectivity. Experience

- . Unified Communication Server for Modern Enterprises
- . IP-PBXs for Large Enterprises, SME, SMB and SOHO
- . UC Client for Android/iOS/Windows PC, IP/SIP Phones, Digital Key Phones
- . VOIP and GSM Gateways
- . Universal Media Gateway



IP VIDEO SURVEILLANCE

Persistent, Proficient, Proactive

- . Enterprise Video Management Software (VMS)
- . Intelligent Video Analytics (IVA)
- . Network Video Recorders (NVR)
- . IP Cameras
- . Mobile Applications

PEOPLE MOBILITY MANAGEMENT SOLUTIONS FOR GOVERNMENT ORGANIZATIONS

Right People in Right Place at Right Time

Productivity of any organization depends on its effectiveness in putting the right people in the right place at the right time. Besides, an organization also has to safeguard its physical assets. These two seemingly contradictory requirements lead to challenges in finding optimum balance between security and productivity. Ampletrails COSEC is an adaptive, modular, scalable and function-rich Access Control, Time-Attendance and People Mobility Management solution designed for Government organizations.

EMBEDDED LINUX BASED AADHAAR ENABLED BIOMETRIC ATTENDANCE SYSTEM

Ampletrails COSEC VEGA FAXQ - Aadhaar Enabled Biometric Attendance System (AEBAS) is an embedded Linux based device for authenticating attendance using Aadhaar number and biometric (fingerprint) credentials as per Unique Identification Authority of India (UIDAI) guidelines. The purpose of having Aadhaar based biometric authentication is to ensure the visibility of all Government employees' attendance in real-time on the common attendance dashboard at <http://attendance.gov.in/>. This ensures transparency and accountability among employees to bring efficiency. Listed on attendance.gov.in as BAS compatible device. Link: www.attendance.gov.in/FAQ/compatible_devices



ACCESS CONTROL AND TIME-ATTENDANCE SOLUTIONS



TIME-ATTENDANCE:

- . Flexible Attendance Policies
- . Shifts and Schedules
- . Leave Management
- . Integration with Third Party Payroll, ERP, HRMS, Active Directory
- . 200+ Reports and Charts



CAFETERIA MANAGEMENT:

- . Menu Schedule
- . Cash less Transactions
- . Informative Reports
- . Export Data to Payroll and Billing Software



ACCESS CONTROL:

- . Time, Zone and User Based Access Control
- . Centralized Monitoring and Control
- . Real-time Notifications on Exception
- . Integration with Fire Alarm and Video Surveillance
- . Bluetooth & QR Code based Access Control
- . Elevator Access Control



VISITOR MANAGEMENT:

- . Pre-registration of Visitors
- . Capture and Store Visitor Documents
- . Visitor E-pass and Paper Pass
- . Real-time Tracking of Visitors' Movement
- . Access Control for Visitors
- . Bluetooth & QR Code based Access Control
- . Elevator Access Control

DIFFERENTIATORS



MULTIPLE CREDENTIALS

- Face Recognition, Palm Vein, PIN and Fingerprint – Multispectral and Optical
- RF Cards – Smart Cards and Proximity Cards



MULTIPLE CONNECTIVITY OPTIONS

- Wired and Wireless Connectivity Options
- 4G/LTE/3G, BLE, Wi-Fi, Ethernet and USB



COMPREHENSIVE AND FLEXIBLE ATTENDANCE POLICIES

- User-wise Late-In, Early-Out, Over Time, C-OFF and Absenteeism Policies
- Fully Configurable to Meet Diverse and Disparate Needs



CUSTOMIZED REPORTS GENERATION

- 300+ Customized Reports using Multiple Filters
- User Defined Report Templates with Customized Fields



EASY INTEGRATION

- Direct Integration with Payroll, ERP, HRM, Active Directory and Third Party Hardware
- API Integration at Three Levels – Function, Platform, and Device
- Integration using Export, Import, and Sharing Database Tables



AUTOMATIC ALERTS AND SCHEDULER SERVICES

- Automatic SMS and E-mail Notifications on Pre-defined Events
- Scheduler Services like Backup, Leave Credit, Report on E-mail at Configured Time



ON-PREMISE AND CLOUD BASED SOLUTION

- Monitor Employees' Attendance from Web Based Software & Mobile Application, Anytime Anywhere
- Automatic Data Push from Devices to Central Server



AWARD WINNING DESIGN AND AESTHETICS

- Many International Awards for Product Engineering and Aesthetics
- Gold Flash PCBs, Touch Sense Keys and Heavy Duty Components for Long Life



EASY SCALABILITY AND FLEXIBILITY

- Scalable and Modular Architecture to Meet Future Requirements
- Flexible and Configurable to Match Organizations' Exact Needs



PROVEN SOLUTION IN ENTERPRISES

- 15,000+ Satisfied Large Enterprise Customers
- Over Four Million Users on One Lakh Devices
- Installations Across the Globe – 50+ Countries

COMMUNICATION SOLUTIONS FOR GOVERNMENT ORGANIZATIONS

Collaboration. Connectivity. Experience



DIFFERENTIATORS

UNIFIED COMMUNICATION SERVERS

- . IP at Core
- . Hot Redundancy with No Call Disconnect
- . Hot Swappable Cards
- . Multi-location Solution
- . Single Cabinet Architecture
- . Ipv6 Ready
- . Radio Connectivity
- . In skin GSM
- . Centralized Management

UNIVERSAL MEDIA GATEWAYS

- . Hybrid Solution – VoIP Ready + PSTN
- . Universal Network Connectivity - POTS, T1/E1 PRI, GSM/4G, E&M and IP
- . 4G/VoLTE Fixed Cellular Terminal
- . Secure Communication over TLS & SRTP
- . TR-069 Auto Configuration
- . Call Details Record
- . SNMP based Network Monitoring
- . Local Station Survivability

IP & DIGITAL COMMUNICATION ENDPOINTS

- . Video Conferencing Deskphone - 7" Screen
- . HD Audio Quality
- . Mobility App for Android/iOS
- . Presence Sharing and Instant Messaging
- . DSS and BLF keys
- . One Touch Feature Access

IP-PBX FOR LARGE OFFICES/INSTITUTIONS

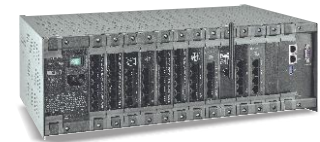
Ampletrails offers various IP PBX models to cater specific needs of different sized offices as per their present requirement and future expandability. All these products have Universal slots to accommodate various types of interfaces. All these products support features and configuration requirements of modern day office requirements of IM, Voice Mail, Detailed Call Handling Features, Multi party conferencing, etc. They support IP Phones and Video Phone as well. All products support easy to use Web based programming capability and remote configuring ability as well.



ETERNITY LENX



ETERNITY MENX



ETERNITY GENX

VOIP GATEWAYS



SETU VFX - VOIP-FXO/FXS Gateway



SETU VFXTH - VOIP-FXO/FXS Gateway



SETU VG - VOIP-GSM Gateway



SETU VTEP - VOIP-T1E1PRI Gateway



SETU VGRX - CNR Radio Gateway

GSM GATEWAYS



SIMADO GFX11E - GSM FCT for Emergency Applications



SIMADO GFX11 - GSM FCT



SIMADO GFX44 - GSM-FXS Gateway

USER TERMINALS

Ampletrails range of User Terminals is divided into three categories: IP Deskphones, Digital Deskphones and Mobility Extensions.

IP DESKPHONES

SPARSH VP series of endpoints are engineered with an aim of offering efficient call management and ease of use.



SPARSH VP710
The Smart Video IP Deskphone

- . 7 inch Adjustable Touch Screen
- . 2 MP HD Camera with Privacy Shutter
- . Built-in Bluetooth for Headsets and Pairing Mobile Devices
- . Built-in Wi-Fi (802.11 b/g/n)
- . Three-way Video Conferencing



SPARSH VP330E
The Touch Screen IP Phone

- . 4.3" Color Touch Screen Display
- . 12 DSS/BLF Keys
- . On-screen BLF Monitoring (18 Contacts)
- . Presence Indication
- . Power over Ethernet (PoE)
- . Proprietary IP Phone



SPARSH VP510E
Premium IP Phone

- . 240*64 Pixels Graphical LCD with Backlit
- . 16 DSS/BLF Keys
- . *32 Keys Expansion Module (DSS532)
- . Power over Ethernet (PoE)
- . Proprietary IP Phone



SPARSH VP310E
Executive IP Phone

- . 2 Line LCD with Backlit
- . 12 DSS/BLF Keys
- . 9 Fixed Function Keys
- . Power over Ethernet Option
- . Proprietary IP Phone



SPARSH VP110
Business IP Phone

- . 132*64 Pixel Graphical Display
- . Context Sensitive and Fixed Function Keys
- . Power over Ethernet
- . Open SIP Phone

IP/DIGITAL OPERATOR CONSOLE

DSS532 – The operator console offers 32 programmable keys for helping businesses manage heavy traffic of incoming calls properly.



DSS532

- . Maximum Four DSS532 per Operator
- . No Need of IP User License/DKP Port
- . 32 Programmable Keys



SPARSH VP510E / EON510
WITH DSS532

DIGITAL KEYPHONES

Ampletrails EON series of phones are engineered to offer reliable performance, quality of business communication and efficient call management.



EON510
Premium Digital Key Phone

- . 240*64 Pixels Graphical LCD with Backlit
- . 16 DSS Keys
- . 4 Context Sensitive Keys
- . *32 Keys Expansion Module (DSS 532)



EON310
Executive Digital Key Phone

- . 2 Line LCD with Backlit
- . 12 DSS Keys
- . 9 Fixed Function Keys

Ampletrails VARTA - THE UC CLIENT FOR SEAMLESS COLLABORATION

Ampletrails VARTA is a UC Client elevating communication experience with its variety of collaboration features and intuitive interface. It comes loaded with a set of three features: Essential, Professional and Collaboration.

• **VARTA ADR100**
UC Client Application for Android Application

• **VARTA AMP100**
UC Client Application for IOS Smartphones

• **VARTA WIN200**
UC Client for Windows PC



1000 DSS & 600 BLF keys



Outlook VARTA Integration



Corporate Directory Integration



Drag and Drop Conference



Presence Sharing



Contact Grouping



Call Management



TEC Approved



*Optional

IP VIDEO SURVEILLANCE SOLUTIONS FOR GOVERNMENT ORGANIZATIONS

Persistent, Proficient, Proactive

Government organizations are responsible for ensuring the safety of their employees and security of the assets. Further, productivity and compliance are also strongly linked to video surveillance infrastructure. No wonder, video surveillance has emerged as a critical part of any organization's security strategy and infrastructure. Presenting Ampletrails SATATYA – a family of Video Surveillance solutions specifically engineered for serious deployments. Ampletrails SATATYA offers all standard video surveillance functions including video capturing, recording, streaming, live monitoring, playback and investigation. Additionally, SATATYA offers centralization, video analytics and value-added applications such as Command & Control, Parking Management and Weighbridge, and POS Integration. It's innovative Cognitive Response Engine allows customers to automate their routine surveillance activities.



VIDEO MANAGEMENT SYSTEM

- . Centralized Management and Control
- . Scalable up to 65,535 Cameras and 10,000 Locations
- . Integration with Access Control, Fire, BMS and Third-Party
- . Cameras and NVRs
- . Advanced Video Analytics

NETWORK VIDEO RECORDER

- . Cascading up to 20 NVRs
- . Higher Throughput – 512Mbps
- . RAID 0, RAID 1, RAID 5, RAID 10 Support
- . Storage up to 80TB (10TB x 8)
- . 4K Resolution on HDMI 2.0 for LIVE View Streams up to 12MP

IP CAMERAS

- . Complete Range –Dome, Bullet, PTZ
- . Powered by SONY STARVIS sensors for Colored Images
- . 120dB True WDR and H.265 Compression
- . Larger Field of View
- . Adaptive and Smart Streaming

DIFFERENTIATORS



BETTER VISIBILITY & CONTROL

- Real-time Visibility and Quick Response
- Centralized Management and Control
- VMS, Mobile App



SCALABLE

- Up to 65,535 Cameras
- Up to 10,000 Locations



FLEXIBILITY

- Recording without a Server
- Adapts to Any Organization Structure



CUTTING-EDGE TECHNOLOGIES

- EXMOR Technology in Cameras
- H.265 Compression Technique
- 4K Decoding in NVRs
- RAID Support in NVRs



INTELLIGENT VIDEO ANALYTICS

- Missing object, Intrusion, TripWire, Network/Camera Failure



STORAGE AND BANDWIDTH OPTIMIZATION

- Motion-based FPS Streaming
- Streams for Viewing, Storing and Recording



DATA SECURITY

- Scheduled Camera-wise Recording
- Playback and Event Based Recording



REAL-TIME SECURITY

- SMS/Email with Snapshot/Audio Notifications
- Call Button from Mobile App



EASY INTEGRATION

- Access Control, Fire Alarm, Burglar Alarm, ERP



SIMPLE OPERATIONS

- Simple to Manage without Need of Technical or Security Experts