IPX and Singlewire InformaCast Technical Training

COURSE DESCRIPTION

In this two-day hands-on class, students will have the opportunity to build and install an InformaCast Fusion Server and to register IPX Endpoint devices to the system as they would in a real-world installation. The class will be taught by two instructors, one each from AtlasIED and Singlewire, and will focus on teaching the skills needed to configure, install, and troubleshoot an installation while also creating a better awareness for quoting labor and installation estimates.

TOPICS INCLUDE

- Network design considerations.
- InformaCast Installation
- AtlasIED IPX IP Endpoint Discovery & Registration with InformaCast
- InformaCast Configuration (including Message Templates, Notification Profiles, Scenarios, etc.)
- AtlasIED IPX IP Endpoint Discovery Tool / Management Application
- AtlasIED IPX IP Endpoint WebUI Overview and Customer Setup

PREREQUISITES

- Participants must have a basic understanding of the following:
    - Networking, operating systems, security, mobile devices, and cloud technologies. This Includes fundamentals of:
        - Network access / Infrastructure.
        - Remote Access
        - Routing Policy
        - Firewall Filters
        - WAN / LAN
        - VLAN
        - VoIP
    - IP connectivity
        - Including basic knowledge of SIP configuration
        - Including basic knowledge of SIP connectivity (SIP Trunking)
    - IP services
        - Multicast configuration / support fundamentals
    - Basic understanding of Routers and Managed switch configurations
        - Routing Fundamentals
    - Solve basic IT networking issues
        - Includes basic skills to perform packet captures (Wireshark)
- An IT certification is not required but recommended:
    - CompTIA Network+
    - Cisco Certified Technician - CCT
    - Cisco Certified Network Associate - CCNA
    - Fortinet Network Security Associate – NSE

INSTRUCTOR BIOS

Manny Kitagawa, Business Development Manager at AtlasIED, is part of the IP Endpoint Development team. He is experienced in addressing communication and critical alert technology requirements for educational facilities, building, campus, and district-wide. Kitagawa's expertise focuses on utilizing a school's existing Centralized Unified Communications (UC) network architecture and leveraging technology to expand capabilities to areas not typically covered through legacy UC ecosystems.

Kitagawa has over 20 years' experience in both commercial and consumer audio technologies. Educated through highly-respected industry organizations and training like SynAudCon, Cisco, Syn-Apps, InformaCast, Manny Kitagawa has solid foundational and advanced audio, IP, and enterprise level UC network understanding to help integrators, consultants, architects, and users create efficient and effective communication and collaboration systems.

Thom Jorgensen, Senior Solution Specialist at Singlewire Software, is a member of the Strategic Initiatives and Channels team. His broad technology experience is leveraged to support both Singlewire's Technology Integration partners in creating and documenting new integrations, and by customers wishing to utilize them. He has over 25 years of experience in designing and deploying collaboration technologies for organizations of all sizes across all verticals.

Thom first installed InformaCast in 2004, and he has been designing and implementing workflows with the platform ever since. The systems he designed and deployed are delivering thousands of messages every day including hospital code calls, lockdowns, evacuations, and more. He has been dedicated to mass notification and critical event management in hybrid cloud environments since joining the Singlewire Software team.

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