Company Profile

AEX System, envisions and delivers cutting-edge Public Address Systems dedicated to saving lives during emergencies. Beyond manufacturing, our streamlined divisions cater to Public Address and Business Audio Solution Systems. Committed to continual innovation, we prioritize environmental responsibility by designing green systems for buildings—promoting sustainability, energy efficiency, and the use of environmentally safe materials.

Safeguarding Your Human Capital and Advancing Sustainable Organizational Communication: Moving Towards a **Green Future**

bsi ISO 9001 Quality Management Systems CERTIFIED
FM 653546

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Email | sales@aexsystem.com

Our History, Our Vision

In 1983, AEX System was founded in Australia with a simple vision. A vision of making Public Address System to saves lives during emergency. AEX System pioneered the Early Evacuation System (EES) where it offers a concerted building evacuation program to prevent injuries and fatalities during emergency while fulfilling its traditional role to provide general paging and background music broadcast.

Today, AEX System's years of research and development in communication products as well as network communication has allowed it to nurture and grow its Network Solutions development division. This division is primed towards developing high end network based solutions for building owners.

AEX System believes its expertise in the latest technology in digital network communication will further innovate highly intelligent systems that make buildings an even safer place to work and dwell.

AEX System aspires to see in every building, a Public Address System with the capability to save lives during emergency.

Business Diversity

At AEX System, we are committed to being more than just a manufacturer and supplier of equipment. We are striving to continually introduce new and innovative technology into the way we communicate.

In line with this vision for continual innovation and growth in the communications industry AEX System has strategically streamlined its business into two main divisions, namely the Public Address division and the Business Audio Solution Systems division.

AEX System consists of its public address division along with the network solutions and services development division.

Energy Efficient Designs Consume Less, Do More and have Smaller Carbon Footprint During Production and Operation.

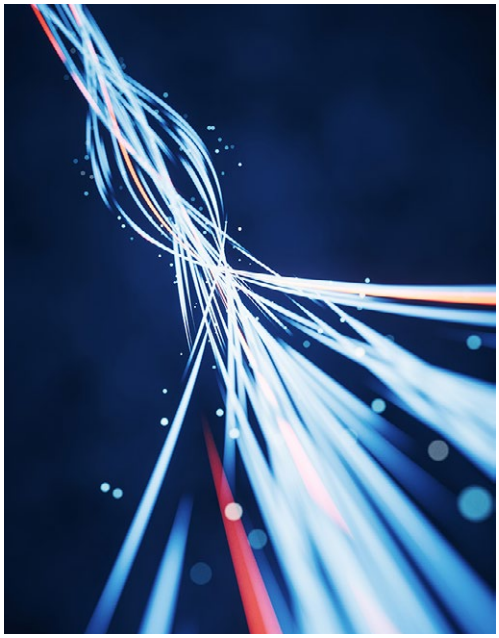
Green Technology

AEX SYSTEM is dedicated to making it green. We acknowledge our responsibility to the future generations, hence all products designed here are geared towards constructing a green system for buildings, allowing for sustainability and energy saving. Some of the benefits include:

• Ensuring sustainability of natural resources - AEX SYSTEM products are designed to be decentralised and flexible in its architectural configuration. This efficient deployment leads to the consumption of less resources such as copper and plastics.

• Lowering carbon footprint - With various energy efficient technology deployed within each and every product, the system has a much lower carbon footprint as a result from the reduced electricity consumption.

• Utilization of environmentally safe materials & resources – An energy efficient architecture also reduces the use of bulky power components such as transformers. This translates directly into a reduction in the carbon footprint, as well as minimizing the use of harmful chemicals required in its manufacturing process.



VECTUS seamlessly integrates and provides instant voice-assisted responses across diverse TCP/IP-compliant building services.

VECTUS Network PA System

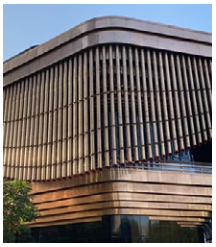
The VECTUS Network PA System stands as a testament to innovation, offering dynamic audio routing controlled by software to any network point, setting a new standard for routing flexibility over standard Ethernet. Its TCP/IP compliance not only signifies seamless integration but also unlocks a realm of functionalities and features previously unattainable by conventional systems.

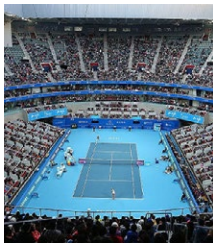
VECTUS goes beyond traditional boundaries by enabling the integration of various TCP/IP-compliant building services, including Fire Alarm, Video Surveillance, Intrusion, and Building Management Systems. This integration empowers the system to deliver instantaneous, voice-assisted responses to each connected system, ensuring a comprehensive and efficient approach to building services management. Experience unparalleled possibilities with VECTUS as it reshapes the landscape of audio and network integration

Airports

Factories

Attractions


Exhibition


Stadiums

Hotels

M+ Series
Integrated PA System

DM Series
Digital Media Player

PD 1000 Series
Digital Power Amplifier

Speakers

Public Address System

AEX System takes pride in crafting an impressive array of cutting-edge Public Address System equipment. At the heart of our designs lies a fundamental principle: ensuring the safety of human life with unwavering reliability. Our extensive product line includes microphones, pre-amplifiers, power amplifiers, loudspeakers, supervisory and monitoring systems, as well as modular and digital matrix systems.

The seamless integration of these components reflects our commitment to providing a cohesive and effective audio solution. Designed to work harmoniously together, our systems can be effortlessly upgraded and expanded to accommodate the evolving needs of your establishment, ensuring a future-proof investment in safety and communication.

Discover more of our products

SCAN HERE TO KNOW MORE

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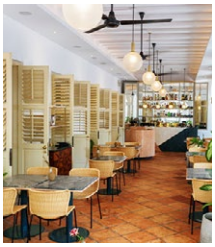
Malls

Office



Retails

Hospitals

Schools

Residential

Systems Should Translate Into Lower Operating Cost While Generating Revenue.

Business Audio Solution Systems Division

The inception of our Business Audio Solution Systems Division was driven by a singular goal: to create products and systems that elevate the competitive edge of businesses. With a clear mission in mind, our division has successfully developed a robust framework to achieve this objective.

Employing a sophisticated communication platform harmonized with a suite of cutting-edge hardware and software solutions, we have pioneered what stands as the world's first and industry-leading Augmented Communications System (ACS). This revolutionary system positions businesses at the forefront of technological innovation, offering unparalleled capabilities to enhance communication and elevate operational efficiency.

- *Optimize Front-End Office Operations*
- *Streamline Back-End Office Operations*
- *Cultivate Recurring Income Streams*
- *Safeguard Physical and Human Assets*
- *Fortify Asset Protection Measures*
- *Foster Efficient Staff Communication*
- *Promote Energy Conservation*
- *Elevate Customer Convenience*

Ping An International Finance Centre

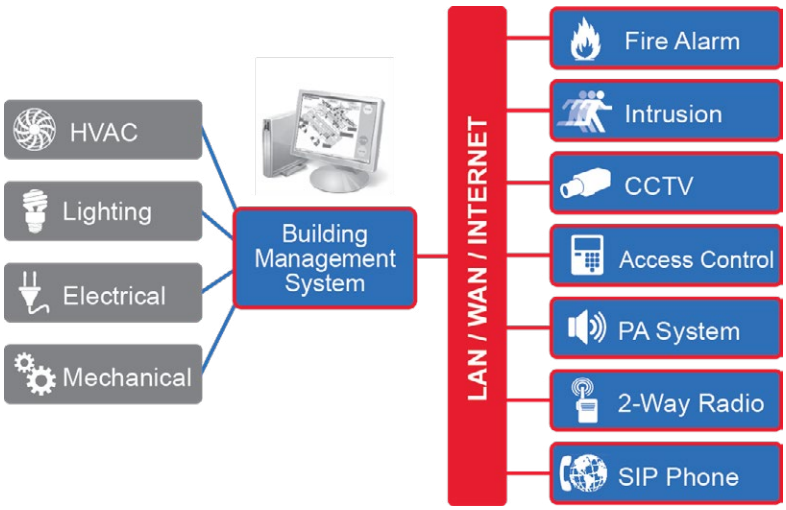
AEX System is honored to contribute to the iconic Ping An International Finance Centre, China's **second tallest building**. Our cutting-edge products enhance the building's infrastructure, reflecting our commitment to innovation. This project exemplifies our continuous growth and dedication to delivering top-tier solutions to prestigious landmarks.

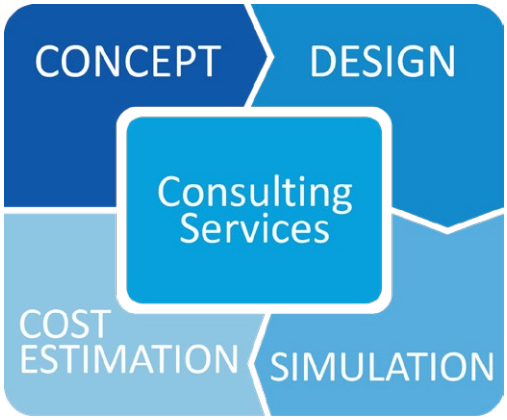
Integration of core systems resulting in an industry's first Augmented Communications System.

Total System Integration

Key to the Augmented Communications System (ACS) is a flexible platform on which all the various systems can leverage. The platform, created by AEX Network Solutions, is fully TCP/IP-based, capable of utilizing typical LAN or WAN infrastructure.

With all three core systems—SIP Phones, IP Cameras, Fire Alarm, and Public Address systems—integrated, the combinational features are limitless. Imagine the convenience of making announcements over a simple SIP telephone to your entire factory or an automated IP camera keeping watch over your warehouse and alerting security guards on their two-way radios when someone tries to break in. These are the benefits that the Augmented Communications System strives to offer, and even today, the possibilities for further business enhancements remain limitless.





In the public address industry, we provide comprehensive services from early project involvement to technical seminars and design assessments.

Consulting Services

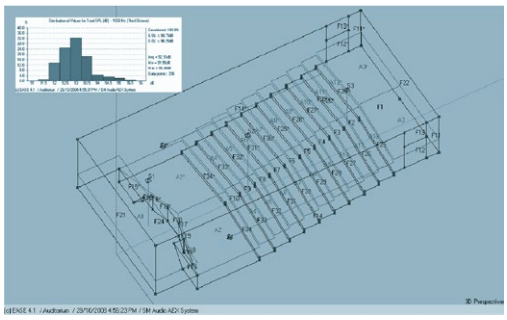
In the public address system industry, AEX System is committed to delivering professional services that go beyond merely providing equipment. Historical successes underscore the value of our early engagement in project design, resulting in purpose-suited and cost-effective public address systems. These systems consistently exhibit a high level of sound intelligibility, user-friendliness, and reliability.

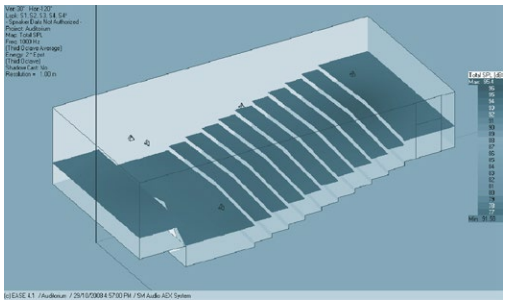
Frequently sought after for our expertise, AEX System is often engaged during the design stage to assess architectural elements, operational requirements, and provide valuable recommendations. We actively contribute to knowledge-sharing within the industry by conducting technical seminars and presenting papers at conferences. Below are some of the professional engineering services offered by AEX System.

- *Public Address System Conceptual & Design Philosophy*
- *Loudspeaker Selection & Floor Plan*
- *Speaker Distribution Layout*
- *Signal Management Concept*
- *System Schematic Design*
- *Acoustics Simulation*
- *Cost Estimation*
- *Operation & Maintenance Guide*

Guangzhou CTF Finance Centre

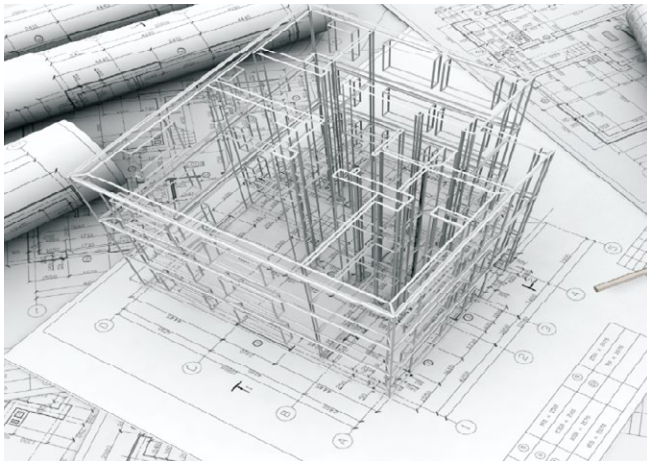
AEX System takes pride again in the installation of our products at the Guangzhou CTF Finance Centre, China's **third tallest building**. This landmark project highlights our commitment to delivering innovative solutions for prestigious structures, showcasing our ongoing growth and dedication to excellence in every installation.



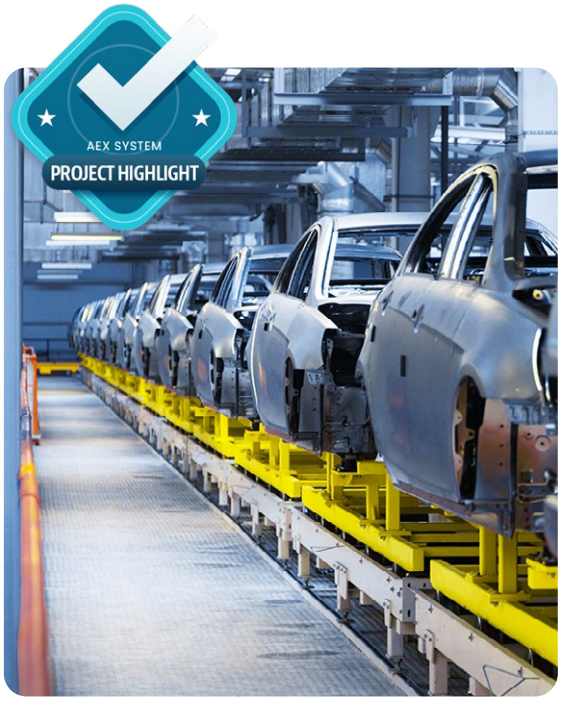


System Engineering and Design Services

Leveraging extensive research and development in communication and network products, AEX System has amassed a significant repository of intellectual properties, placing us at the forefront of technological innovation in the industry. This wealth of innovative solutions encompasses cutting-edge advancements in communication technologies, providing a robust foundation for tailored systems. Reflecting our commitment to technological progress, these intellectual assets serve as a strategic advantage, enabling us to efficiently customize solutions that precisely meet the unique needs of our clients. This distinctive approach ensures that every AEX System solution is not only technologically advanced but also optimized for maximum utility, delivering unparalleled value and satisfaction to our clientele.



- *Long distance fibre optic audio transmission*
- *Secured VOIP / SIP audio transmission over LAN / WAN / Internet*
- *Multi-system integration via TCP/IP and SOAP interface*
- *Customised loudspeaker design for special acoustical and environmental requirements*

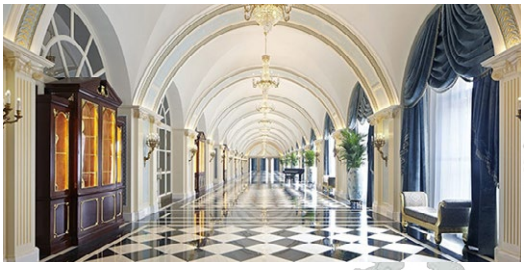


BYD Auto Factory - Xi'an

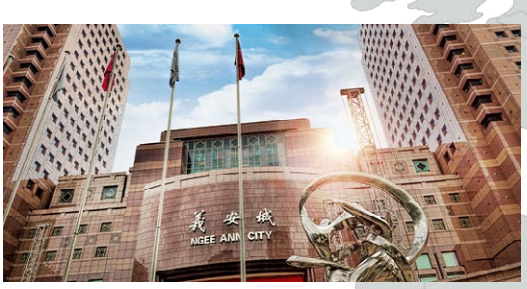
AEX System is honored to enhance the technological landscape of the rapidly growing BYD Auto Factory, a leading brand in electric cars. Our innovative solutions showcase a commitment to excellence and tailored systems, reflecting our dedication to delivering high-quality solutions in a fast-evolving industry.

AEX System Network

Continuously Growing Project..



Ritz Carlton, Tianjin, China

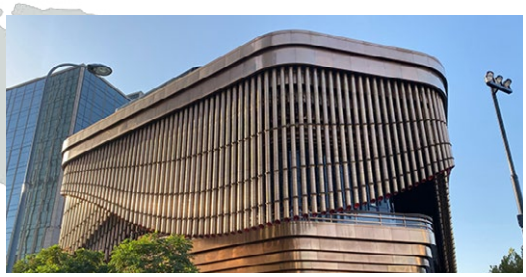


Takashimaya Shopping Centre, Singapore

IKEA Kuala Lumpur, Malaysia

Ping An International Finance Centre, Shenzhen, China

Ng Teng Fong General Hospital, Singapore



The Fosun Foundation, Shanghai, China

Jakarta International Airport (Soekarno-Hatta), Indonesia

Paris-Sorbonne University Abu Dhabi, Abu Dhabi, UAE

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Standard Compliance

- BS5839-1:2002
- EN 54-24:2008
- EN 54-16:2008
- EN 55013:2013
- EN 55020:2007+A11:2011
- EN 55022:2010+AC:2011
- EN 55024:2010
- EN 55032:2015
- EN 55032:2015 + A11:2020
- EN 55032:2015/A11:2020
- EN 55035:2017
- EN 55035:2017 + A11:2020
- EN 55035:2017/A11:2020
- EN 60065:2014
- EN 60529:1991+A1:2000+A2:2013
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- EN 61000-3-3:2013 + A1:2019 + A2:2021
- EN 61000-3-3:2013/A1:2019
- EN 62368-1:2014+A11:2017
- EN 62368-1:2020+A11:2020
- EN IEC 61000-3-2:2019
- EN IEC 61000-3-2:2019 + A1:2021
- EN IEC 62368-1:2020 + A11:2020
- GB 13837-2003
- GB 17625.1-2003
- GB 8898-2001
- GB13837-2003
- GB13837-2012
- GB17625.1-2003
- GB17625.1-2012
- GB8898-2001
- GB8898-2011
- IEC 62368-1:2018
- IEC 62368-A:2018

**As part of our commitment to continuous improvement, AEX System strives to meet and exceed industry standards across our product range. Compliance may vary, as our dedication to innovation involves frequent updates. We retain the flexibility to modify specifications and features without prior notification. While we strive for accuracy in this company profile, occasional inadvertent errors may occur. For specific product compliance details, please contact us. We appreciate your understanding as we work diligently to provide the best and compliant solutions in our evolving product landscape.*

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