Mircom™ introduces the new standard in life safety for networked system performance, flexibility and reliability. FleX-Net™ is the ‘all new’ advanced system that utilizes over 100 existing Mircom™ FX-2000 system components and devices to deliver both the most advanced fire protection available today and an extraordinary level of service and economy.

Flex-Net™ is ready to meet the most demanding fire protection specification of large buildings and campus applications with complete control and redundancy. First in sophistication and scalable design, FleX-Net™ is also first in ease of installation, programming and serviceability.

More than a new solution, Flex-Net™ is system networking the way it was meant to be, from The Mircom Group™, North America's largest independent fire and life safety system manufacturer.

INTELLIGENT FIRE ALARM AND AUDIO NETWORK

**Flexibility and Adaptability**
FleX-Net™ supports system designers with a new level of flexibility to specify the ideal application of detection, control and emergency communications, including simple configuration of zone bypass switches.

**Sophisticated System Performance**
FleX-Net™ complies with the latest requirements of fire equipment codes and standards, including UL864, 9th Edition, and features near instant alarm processing and Boolean logic.

**Uncompromising Network Integrity**
FleX-Net™ is designed for survivability in ‘worst-case’ events with sophisticated peer-to-peer integrity of each node in the system. Of course, FleX-Net™ system integrity is also fully scalable, with up to 63 nodes per system.

**‘Intelligent’ Modular Design**
FleX-Net™ modular design supports intelligent (analog addressable) fire alarm detection devices and network wiring of distributed audio/voice evacuation panels, firefighter phones and remote annunciators with custom messages.

**Complete Systems Integration**
FleX-Net™ seamlessly integrates all sub-systems, including fire alarm, audio/voice evacuation and HVAC fan and damper control. In addition, FleX-Net™ features integrated system components, such as a built-in central station dialer, to avoid the need for separate modules. Taking integration to the highest level, FleX-Net™ supports easy integration with Building Management Systems (BMS), and PC based graphical annunciation.

**Expanded Performance**
FleX-Net™ has been designed to support emerging code and application requirements for new system functionality as they become adopted nationally, including the future capabilities of mass notification and UUKL smoke control.
APPLICATIONS

FleX-Net™ is built to meet the latest fire code requirements and offers an extensive range of panels, modules and devices for any retrofit upgrade or new construction project.

- COMMERCIAL TOWERS
- HOSPITALS
- UNIVERSITY / CORPORATE CAMPUSES
- LARGE HOTELS
- LARGE SHOPPING MALLS
- MILITARY FACILITIES
- HIGH-RISE RESIDENTIAL
Intelligent Fire Alarm
- A range of fire alarm control panels to suit any project
- Up to 40,000 plus detection devices or addressable modules per system
- Software configurable smoke detector sensitivity adjustment
- Hardwired detection circuits on main board and optional hardwired circuit modules uniquely support retrofit applications

Sophisticated Audio/Voice Evacuation
- True multi-channel audio allows each audio node to support up to three unique alarm and alert tones
- Synchronized audio signaling across nodes allows two nodes to control common areas
- Digitized voice messages utilizing custom .wav files
- Paging from a central location and/or any node

Advanced System Network
- Proven Arcnet™ communications protocol
- Up to 63 nodes per system with ‘peer to peer’ system redundancy
- System supports both copper wire and/or fiber optics network cabling
- No practical limit to network wire length
**Network Annunciation**

**LCD Alphanumeric Annunciators**
- A range of annunciator panels to suit any project
- Global Annunciation, up to 15,000 points
- Annunciators do not decrease node maximums.

**Graphic Annunciator**
- Fully integrated with Mircom graphic annunciator software

**Network Firefighter Telephone**
- Addressable or wired to node
- Advanced control, including ‘Warden Page’, integrating remote firefighter phones with audio/evacuation speakers network wide

**Installation & Service Support**
- ‘Plain language’ XML based system device reports
- A suite of system diagnostic tools
- Option for remote factory analysis
- Industry leading technical support

**Configuration Software**
- Intuitive and secure configuration software that makes complex programming and service easier than ever
- Configuration software supports all integrated system components
- Firmware upgrades in the field, so the system will never become outdated
- Expanded system event reporting from front panel, without the need for a computer

**Detection**
The industry’s most advanced smoke, heat and multi-technology sensors in standard and specialty detector configurations.

**Signaling**
A wide selection of indoor and outdoor speakers and speaker/strobes to supply the best notification and evacuation for any application.

**Auxiliary/Accessories**
Including system accessory modules, power supplies, batteries, line modules, alarm communicators, devices and device accessories.

The FleX-Net™ intelligent network system leads the industry with the most extensive range of system modules, detection devices and signaling appliances available.

More than an advanced network system, FleX-Net™ delivers a complete project solution with the support of over one hundred advanced, proven and affordable Mircom™ fire alarm products.
Intelligent Fire Alarm and Audio Network

The advance FleX-Net™ network supports tower, campus or a combination of wiring configurations within the network, with complete 'peer to peer' system integrity.
System Components and Configurations

**FIRE ALARM PANELS**

**Compact Network Panel**
1 expandable to 5
Intelligent Signaling Line Circuits (SLC) with up to 3 expansion modules.

**Mid-Size Network Panel**
1 expandable to 5
Intelligent Signaling Line Circuits (SLC) with up to 17 expansion modules.

**Main Lobby Control Panel**
1 expandable to 5
Intelligent Signaling Line Circuits (SLC) with up to 9 expansion modules.
Selection of enclosures.

**FIRE ALARM AND AUDIO**

**Command Center**
1 Expandable to 5
Intelligent Signaling Line Circuits (SLC) with paging and telephone.

**Audio Network Node**
1 Expandable to 5
Intelligent Signaling Line Circuits (SLC).
Up to 4 amplifiers.

**Audio Expansion Panel**
Up to 7 amplifiers.
Up to 360 watts. Up to 3 panels per remote node.

**ANNUNCIATORS**

**Intelligent LCD Network Annunciator**

**Graphic Annunciator Software Package**
CORPORATE/CANADA
25 Interchange Way
Vaughan, Ontario
L4K 5W3
Tel: (888) 660-4655
Fax: (888) 660-4113

USA
4575 Witmer Industrial Estates
Niagara Falls, N.Y.
14305
Tel: (888) 660-4655 x 2040
Fax: (888) 660-4113

INTERNATIONAL
25 Interchange Way
Vaughan, Ontario
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Intelligent Fire Alarm and Audio Network

Mircom™ is an ISO 9001:2008 registered member of the Mircom Group of Companies with corporate headquarters in Toronto, Canada, and a U.S. National Sales Office in Niagara Falls, N.Y. Mircom™ operates a dedicated network of sales and service branch offices in more than 20 cities across North America and Mircom™ International supports the installation of Mircom™ systems in more than 40 countries around the world. Our International Regional Office is based in Bangalore, India.
FleX-Net is fully supported by Mircom Engineered Systems branch offices and an extensive network of Authorized Engineered Systems Distributors across North America. In markets outside North America, our Mircom International division has established an exceptional reputation for project support in more than 40 countries around the world.

From the initial system design to the final commissioning and testing, Mircom Engineered Systems stands ready with:

• System design assistance for unique occupancies and special risks
• Comprehensive CAD system design drawings and documentation
• On-site installation assistance
• System programming and commissioning
• System testing and verification
• Annual inspection and emergency service*

* After-sale service technician services are not offered by all Mircom Engineered System branch locations or for all projects. Contact your nearest branch location for more information.