Leading the way

Comprehensive transmission solutions for modern Intelligent Transportation Systems
With over 30 years’ experience developing and implementing advanced fiber and network technology, IFS® delivers leading transmission solutions for optimal video and traffic signalization for ITS applications.

Modern ITS technology, including traffic signalization networks, variable message signs (VMS), toll collection, license plate detection and video surveillance, is designed to improve traffic management and transportation safety. Effectively deploying this technology demands a reliable, robust transmission infrastructure for communication to the central traffic management center.

Built in the U.S., deployed around the world

IFS fiber-optic equipment is engineered and manufactured in our facility in Lincolnton, North Carolina, and has the full support and resources of UTC, a leading technology company known globally for innovation. IFS fiber-optic transmission products support thousands of traffic systems around the world from Boston to Milan to Shanghai. Backed by extensive technical support, dedicated customer service and a Comprehensive Lifetime Warranty, IFS fiber solutions deliver proven performance for modern Intelligent Transportation Systems.
IFS industrial-grade network products are designed and tested to operate in a wide temperature range of -40°C ~ 75°C. Backed by a three-year warranty, these products operate within DOT specifications for temperature, humidity, shock, vibration and voltage transient protection. IFS managed network switches can be remotely programmed, managed and updated via a simple, yet powerful, network Web interface, thus reducing service calls and lowering maintenance costs.

Designed specifically to withstand the harshest roadside conditions, IFS network solutions for ITS applications deliver exceptional performance.

IFS engineers can provide help with design specifications so that the ideal components are identified for each application. For exceptional technical support after deployment, IFS’s dedicated Technical Support team can provide expedient, expert service that’s unmatched in the industry.

Full support from end to end
IFS® offers a wide range of transmitters and receivers featuring in-field configuration flexibility, designed specifically for ITS applications. A comprehensive portfolio of IFS fiber, network switches, media converters and UTP products offers robust performance and complete flexibility to meet all your current and future transmission needs.

Flexible and reliable transmission for any Intelligent Transportation application

NETWORK SWITCHES
IFS switch technology meets the demands of modern network environments. A full line of network switches delivers powerful performance with high bandwidth, isolated PoE ports and integrated SFP fiber ports with key features accessible through a browser-based interface.

IP CAMERAS
Helping support safe and effective traffic management, Interlogix™ IP66 network cameras are designed for durable performance in outdoor conditions and work seamlessly with IFS to deliver detailed, high-resolution images anytime, anywhere.
Whether migrating from an analog to an IP-based system or extending Ethernet beyond 100 meters, IFS media converters offer a simple, cost-effective solution. By eliminating the time and expense of pulling new cable, IFS media converters leverage the investment in existing coax, twisted-pair or fiber-optic cabling.

IFS fiber products represent the latest advancements in fiber-optic technology. An extensive selection of analog and digital fiber-optic transmission options provides some of the industry's most innovative solutions for fiber transmission.
Innovative solutions for effective, efficient, industrial media transmission.

Network Switches
Engineered with high bandwidth and non-blocking switch fabric, IFS® network switches are designed to accommodate a variety of application requirements.

Unmanaged Switches
- NS2051-4P/1T
  5-Port Fast Ethernet w/4-PoE Industrial Unmanaged Switch
- GE-DSGH-5
  5-Port 10/100/1000Mbps Industrial Unmanaged Switch
- GE-DSGH-8
  8-Port 10/100/1000Mbps Industrial Unmanaged Switch

Managed Switches
- NS3550-8T-2S
  8-Port 10/100/1000Mbps + 2 100/1000X SFP Industrial Managed Switch
- NS3552-8P-2S
  8-Port 10/100/1000Mbps + 2 100/1000X SFP Industrial PoE+ (30w) Managed Switch
- NS3550-2T-8S
  8-Port Fiber 100/1000X SFP + 2 10/100/1000Mbps Industrial Managed Switch

Media Converters
Reliable and cost-effective, IFS media converters provide an easy migration path from analog to IP transmission.

Ethernet over Telephone Wire
- MCR200-1T-1TW
  Fast Ethernet to Telephone Wire (POTS) Media Converter
- MC250-4T/1CXT
  4-Port Fast Ethernet to 1-Port Coax/UTP Industrial Media Converter

Ethernet over Coax
- MC252-1T-1CX/XP and MC252-1P-1CX
  Power over Coax (PoC) Media Converters - PoE-at (30w)
- MC251-4P/1CXT
  4-Port Fast Ethernet/PoE-af to 1-Port Coax/UTP Industrial Media Converter

Ethernet over Fiber
- MC355-1T/1S
  Gigabit Ethernet to SFP Industrial Managed Media Converter
- MC350-4T/2S
  4-Port Gigabit Ethernet to 2-SFP Industrial Media Converter
- MC352-1P/1S
  Gigabit Ethernet to SFP Industrial Media Converter with PoE-at (30w)
- MC352-4P/2S
  4-Port Gigabit Ethernet to 2-SFP Industrial Media Converter with PoE-at (30w)

Fiber-Optic
Representing advanced fiber-optic technology, IFS solutions cover a wide range of requirements and deliver optimal performance.

- MC355-1T/1S
  Gigabit Ethernet to SFP Industrial Managed Media Converter
- MC350-4T/2S
  4-Port Gigabit Ethernet to 2-SFP Industrial Media Converter
- MC352-1P/1S
  Gigabit Ethernet to SFP Industrial Media Converter with PoE-at (30w)
- MC352-4P/2S
  4-Port Gigabit Ethernet to 2-SFP Industrial Media Converter with PoE-at (30w)

Note: To view the full-line of IFS Industrial-rated Network and Fiber Transmission products, visit www.interlogix.com/transmission.
Complete ITS solutions from IFS™ are developed by Interlogix®, a leading provider of security and life safety solutions including advanced video, recording and wireless transmission technology. Through an ongoing commitment to secure and protect people, property and assets, Interlogix continues to develop innovative and reliable products that meet the demands of the modern world.

interlogix.com/ifs