Real-time Network Management Framework

- **Embedded Sensors: Autonomous Sensor Entity (ASE)**
- **Autonomous Sensor Network (ASN)**
- **Integrated Network Management System**
- **Network Management Service & Control Functions**

Access Networks

INMS

Dark Fiber

Mobile/Fixed Wireless

Optical Ethernet

DWDM/Optical (Core)

INTERNET

DATA CENTER

Multimedia Real-time Traffic

| Video node | Voice Data Node | Streaming Video Node | Streaming Video Data node | Voice Video Data node |

Gus