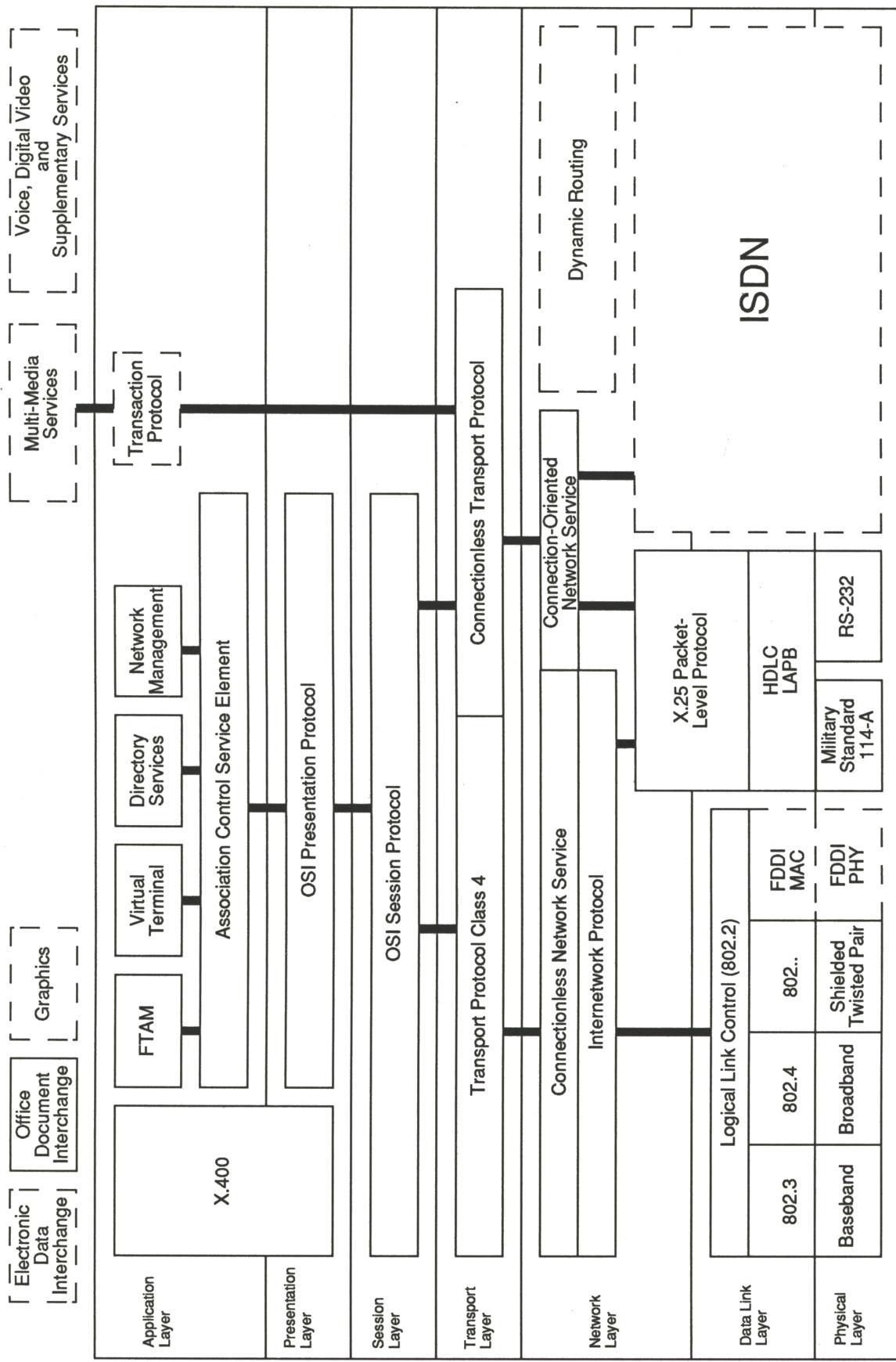


PRESENT AND FUTURE PROTOCOLS



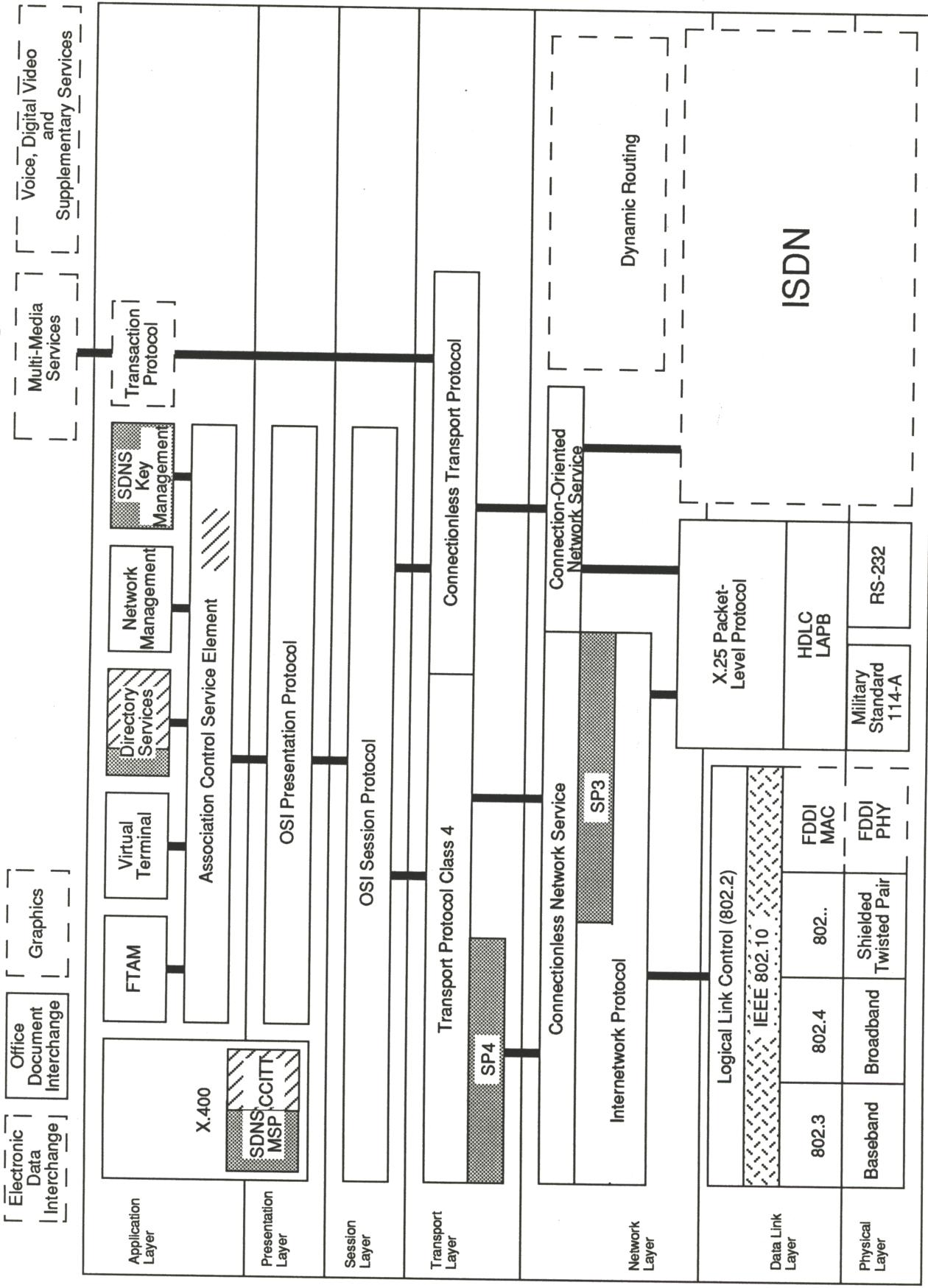
LAPB = Link Access Procedure B
FDDI = Fiber Distributed Data Interface
FTAM = File Transfer and Access Method
HDLC = High-Level Data Link Control
ISDN = Integrated Services Digital Network
LAPC = Media Access Control
MAC = Open Systems Interconnect
OSI = Physical Layer
PHY = Physical Layer

p1891005-1



MOTOROLA INC.
Government Electronics Group

CURRENT SECURITY MECHANISMS IN OSI PROTOCOLS



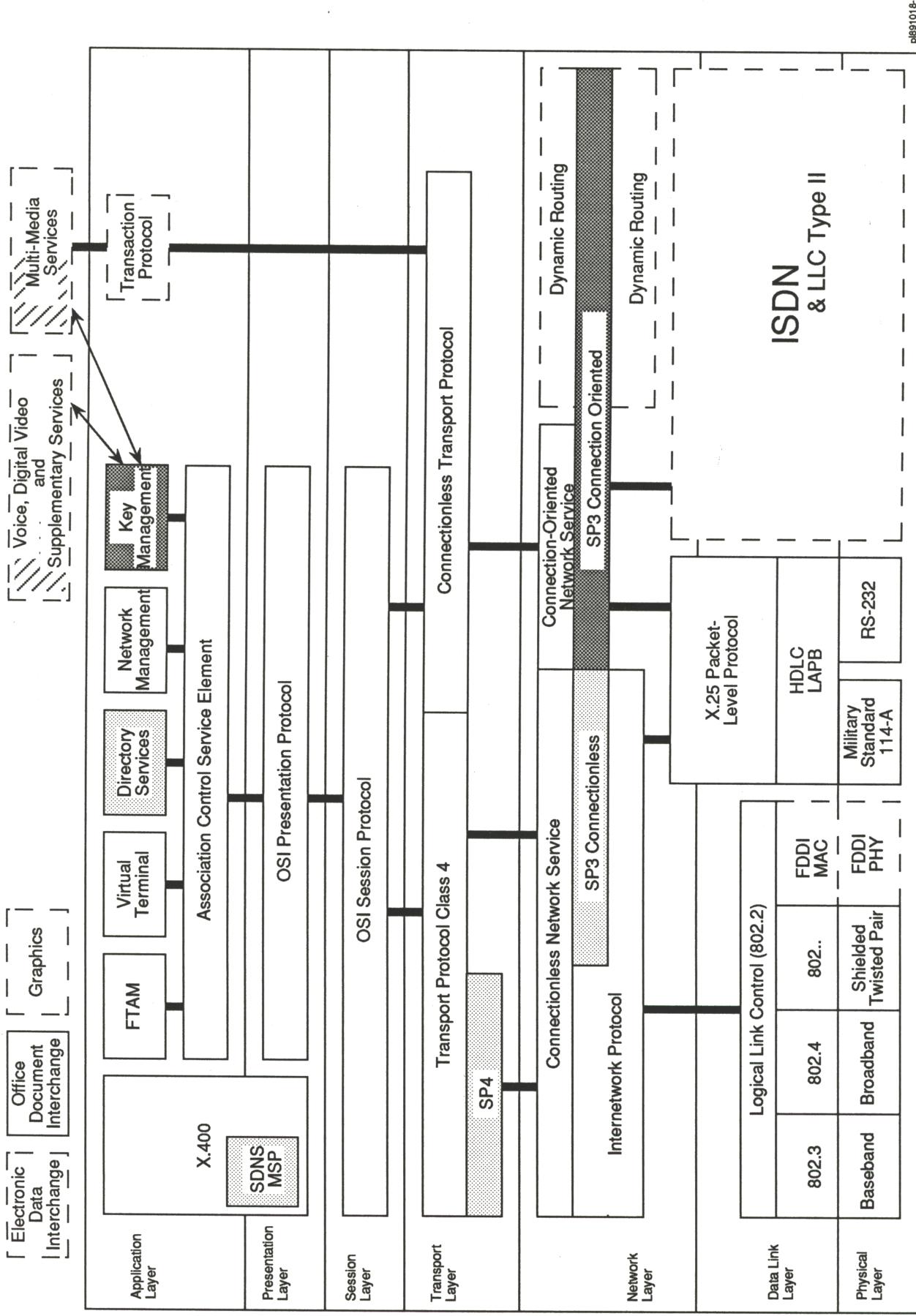
FDDI = Fiber Distributed Data Interface
 FTAM = File Transfer and Access Method
 HDLC = High-Level Data Link Control
 ISDN = Integrated Services Digital Network
 LAPB = Link Access Procedure B
 MAC = Media Access Control
 OSI = Open Systems Interconnect
 PHY = Physical Layer

IEEE 802.2

SDNS = Secure Data Network System (SDNS)
 CCITT = CCITT and ISO
 IEEE = IEEE

MOTOROLA INC.
Government Electronics Group

PROPOSED SECURITY PROTOCOL MECHANISMS FOR OSI AND ISDN



= Current Secure Data Network System (SDNS) Specifications
= Extensions to Existing SDNS Specifications
\\ = Secure Service Negotiation via KMP

LAPB = Link Access Procedure B
FTAM = File Transfer and Access Method
HDLG = High-Level Data Link Control
ISDN = Integrated Services Digital Network