



# Media Gateway SNMP MIBs

## ISDN PRI E1/T1 SNMP MIB Overview



**AddPac**

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# Contents

- ISDN PRI E1/T1 SNMP MIB
  - SNMP Standard MIB
  - SNMP Private MIB : Notification (Trap at DS1 Line Fault)

# SNMP Standard MIBs

- RFC 1406
  - Title : Definitions of Managed Objects for the DS1 and E1 Interface Types
  - Features
    - E1/T1 Configuration (Line Type, Send Code, Signal Mode, ...)
    - Statistics (ES, SES, LCVs, ...)
    - Interval
    - Far End Statistics (ES, SES, LCVs, ...)
    - Far End Interval

# SNMP Private MIB : Line Fault Trap

- AddPac Private MIB

- OID : 1,3,6,1,4,1,4855,10,4,1,3,2,21

```
apSystemGeneralDS1StatusTrap NOTIFICATION-TYPE
    STATUS current
    DESCRIPTION
        "A apSystemGeneralDS1StatusTrap is generated DS1 status is Changed
        apDS1StatusSlot (Integer)
        apDS1StatusPort (Integer)
        pDS1PortStatus (Integer)
        "
    ::= { apSystemGeneralTraps 3}
```

```
apDS1PortStatus OBJECT-TYPE
    SYNTAX INTEGER {
        linkUp (1),
        linkDown (2),
        notEquip (3)
    }
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION
        " This object contains the status of physical DS1 port."
    ::= { apDS1StatusEntry 4 }
```

# Media Gateway Series

# Thank you!

**AddPac Technology Co., Ltd.**  
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail [sales@addpac.com](mailto:sales@addpac.com)