

( ) SECS-I

SECS

(SEMI Equipment Communication Standard)

1970

가

Deer Creek

SECS-II

SECS-II

SECS SECS-I

SECS-II

SECS-I 1980 SECS

3

1982 SECS

(checksum) , 10

SECS 1 ISO 가 ,

OSI 7 2

어플리케이션
프리젠테이션
세 션
트랜스포트
네트워크
데이터 링크
물 리

그림 1. OSI 계층 모델 표준

사용자 어플리케이션 프로그램	
컨버세이션	S
메시지 형식	E
데이터 아이템 형식	C
트랜잭션	S
메시지	I
블 록	S
물 리	I

그림 2. SECS 프로토콜 계층

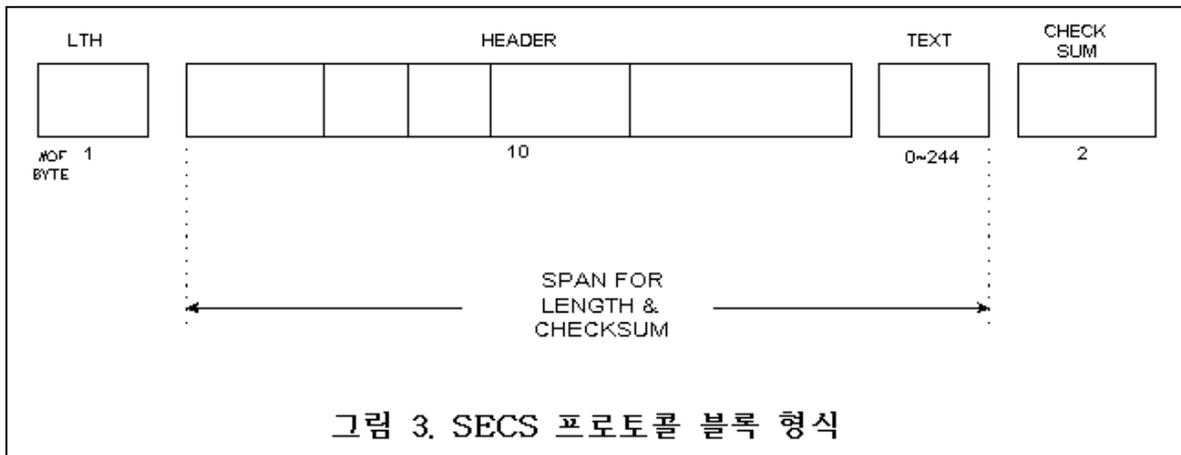


그림 3. SECS 프로토콜 블록 형식

SECS-I SECS-II  
 TCP/IP 가  
 HSMS(High Speed SECS Message Services)  
 , HSMS  
 SECS-II 4 TCP/IP  
 가  
 HSMS SECS-I  
 8 Mbytes 가 SECS-II

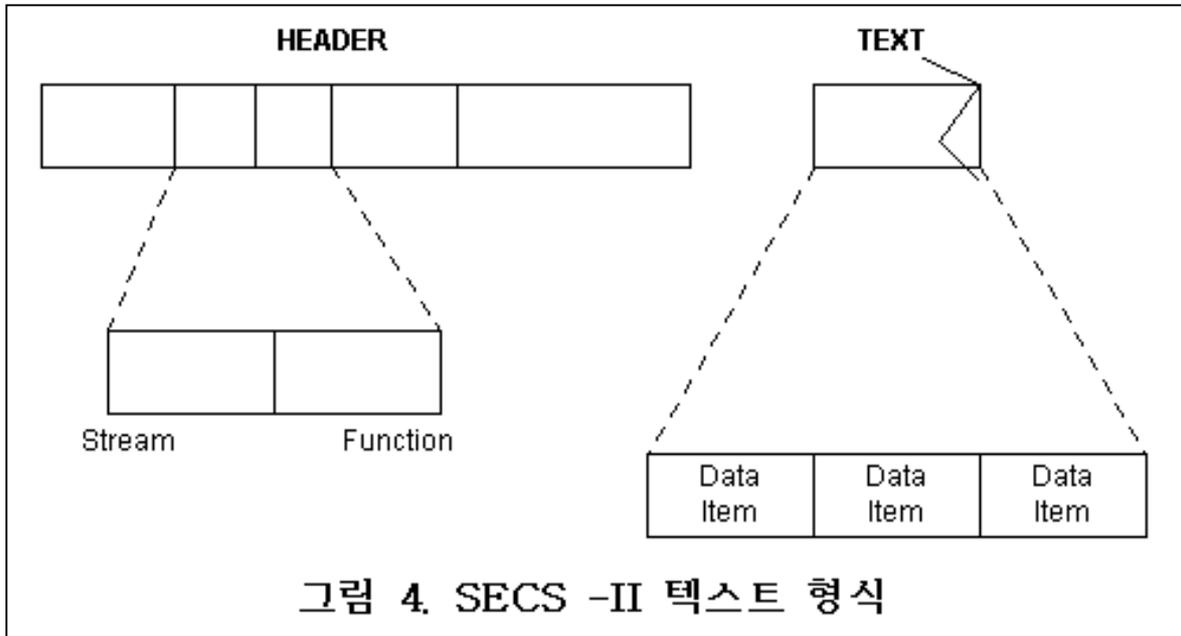


그림 4. SECS -II 텍스트 형식

SECS TCP/IP  
 가  
 RS-232C

SECS

HSMS

가

Equipment Model)

, GEM

GEM(Generic

. GEM

SECS

HSMS, GEM

GW Associations

70%

SECS-I

HSMS

SECS

SECS

### PROFIBUS GSD Editor

- GSD file

The PROFIBUS GSD Editor is a 32-bit MS Windows application. It provides an easy-to-use interface for setting up, editing and checking GSD (device database) files for PROFIBUS-DP devices. It contains several basic templates and examples. The PROFIBUS GSD Editor is based on the GSD specifications for PROFIBUS-DP / GSD Revision 2. The Tool is provided free of charge by PROFIBUS International

#### Installation

To install PROFIBUS GSD Editor, execute gsdedit.exe after successful download. Then follow the installation wizard. Note : Before you can use the program, you have to agree to the licence agreement displayed at the beginning of setup.

Download : [www.profibus.co.kr](http://www.profibus.co.kr)

#### System Requirements

##### Hardware

Personal computer : Pentium 133 or higher recommended .

Free space on hard disk : min. 10 MB

Display resolution : 1024 x 768 or higher recommended .

##### Software

Operating system : Windows 95/98/NT 4.0

Help Browser : Internet Explorer 3.0 or higher (Netscape does currently not support HTML Help \*.chm files!)