

FieldServer ENOTE

Setting Access Levels for ETS3

APPLICABILITY & EFFECTIVITY

Effective for all systems manufactured after January 2021.



Document Revision: 2.B

T18012



fieldserver

MSA Safety
1000 Cranberry Woods Drive
Cranberry Township, PA 16066 USA
Website: www.MSAsafety.com

U.S. Support Information:
+1 408 964-4443
+1 800 727-4377
Email: smc-support@msasafety.com

EMEA Support Information:
+31 33 808 0590
Email: smc-support.emea@msasafety.com

1 ETS3 Access Levels

1.1 Overview

The EST3 driver can be configured with 3 different levels of access to EST3 panel functionality. This is not documented in the driver manual since the existence of the different access levels must be made known to authorised persons only.

The three access levels are:

- Level 0 – Read Only permission
- Level 1 – Partial Write permission
- Level 2 – Full Write permission

1.2 Description

Level 0:

This is the default level. It allows all supported points to be read but does not allow the bridge to issue any commands to the EST3 panel.

Level 1:

Level 1 access allows a subset of all available commands to be issued to the EST3 panel by the bridge. See Tables 1 and 2 below.

Level 2:

Level 2 allows all available commands to be issued to the EST3 panel by the bridge. See below.

1.3 Setup

The EST3 driver looks for a file called **password.cfg** on the bridge. This file (if it exists) encodes the access level of the bridge. If it is not found, the access level defaults to 0. Three files, viz. pass_0.cfg, pass_1.cfg and pass_2.cfg are stored in the EST3 driver directory of the FieldServer source code. They correspond to the three access levels. To set an access level of 1, download pass_1.cfg to the bridge as password.cfg.

Required Access Levels for Activate and Restore commands	
Object Type	Access Level
RELAY	FULL
LED	FULL
SERV_GROUP	FULL
GUARD_PTRL	FULL
CHK_IN_GRP	FULL
ALT_MESSAGE	FULL
RESET	PARTIAL
PANEL_SIL	PARTIAL
ALARM_SIL	PARTIAL
DRILL	FULL
GA_INHIBIT	FULL
REBOOT	PARTIAL
EVACUATE	FULL
ALT_SENSITIV	FULL
PARTITION	FULL
CMD_LIST	FULL
AMP_POWER	FULL
AUD_MSG	FULL
SET_TIME	FULL
SET_DATE	FULL
MC_MSG	FULL