

EsofNET

RPU and DGP Systems Limitations

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1.0 Introduction

This document outlines the physical and logical limitations for both EL-80 Readers Processing Units (RPU) and ES-550 Data Gathering Panels (DGP) currently deployed by the ESOFnet Integrated Security System. The maximum and minimum limits will be revised from time to time and a new revised copy of this document will be issued.

2.0 Readers Processing Units Limitations (per RPU)

	2.1	Maximum Readers
Buses	4	
	2.2	Maximum Readers per
Bus	16	
	2.3	Maximum Readers
	64	
	2.4	Maximum Digital Input
Points	16	
	2.5	Maximum Digital Output
Points	32	
	2.6	Maximum Area Codes
	32	
	2.7	Maximum Readers
Assigned per Area Code	8	
	2.8	Maximum Readers
Groups	32	
	2.9	Maximum Readers per
Group	16	
	2.10	Maximum Card Users
Database	10,000	
	2.11	Maximum Access
Levels	128	
	2.12	Maximum RPU's Timers
	24	
	2.13	Maximum RPU's
Holidays	20	
	2.14	Maximum RPU's Time
Zones	10	
	2.15	Maximum Reactions
Table	99	
	2.16	Maximum Operations
Table	99	
	2.17	Maximum Members in
the OR Group of a Reaction	8	

per Reaction	2.18	Maximum OR Groups	2
Addressed per Operation	2.19	Maximum Members	8
3.0 Data Gathering Panel (per DGP)			
Buses	3.1	Maximum EFD-80	4
Bus	3.2	Maximum EFD-80 per	16
	3.3	Maximum EFD-80	64
Points	3.4	Maximum Digital Input	1040
Points	3.5	Maximum Digital Output	2080
Output Groups	3.6	Maximum Input and	99
Output Ooints per Group	3.7	Maximum Input or	16
Timers	3.8	Maximum DGP's	24
Zones	3.9	Maximum DGP's Time	10
Table	3.10	Maximum Reactions	99
Table	3.11	Maximum Operations	99
the OR Group of a Reaction	3.12	Maximum Members in	8
per Reaction	3.13	Maximum OR Groups	2
Addressed per Operations	3.14	Maximum Members	8