TCP/IP Port Allocation and Configuration
GMCE

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1. INTRODUCTION

This document contains information about the use of TCP/IP ports for Kodak Output Devices including Trendsetter® 400/800 III, Trendsetter® NEWS, and Magnus™ VLF Series II.

2. CREO FEATURE LICENSING (CFL) PORT USAGE

CFL port range is 7092-7098.

Port name	Port Number	Comment
Remote License Manager	7092	Will be deprecated due to new mechanism that uses the **CFL Client** port
Service Dongle Manager (SDM) Site	7093	Used internally by the SDM to relay site data between instances of the SDM
Service Dongle Server (SDS)	7094	Port used to connect SDM to SDS
Remote Service Dongle	7095	Port used by SDM to communicate with CFL Server
CFL Client	7096	Port used by CFL clients to query feature data In future, this will also be the proxy port for other interfaces in order to reduce the number of ports required by CFL Server.
Stand Alone Generator	7097	To be deprecated
License Manager .NET Remoting	7098	Port used by License Manager to communicate with CFL Server.

3. PSRM PORT USAGE

PSRM ports are configured in the **CreoBootp.ini** file. To find the location of the **CreoBootp.ini** file, check the registry:

HKEY_LOCAL_MACHINE\SOFTWARE\Creo\Bootp\BootpInitFile.

PSRM Port ranges are 5050-5051, 15057-15058, 15151-15152, 18001-18002

Port name	Port Number	Comment
TCP_PORT_PSRM_RASTER_FC_PORT	5050 or 15057	A TCP port connecting to GDAPI for flow control. **Note** the following differences for various Controlled Releases: For Magnus VLF CR3.0, the default port number is 5050 and is **not** configurable for the GDAPI. Starting with Magnus VLF CR3.1 and

Port name	Port Number	Comment
		Trendsetter 4/8/News CR2.0, the default port number is 15057 and **is** configurable for the GDAPI. *Configurable for the GDAPI* means that setting TCP_PORT_PSRM_RASTER_FC_PORT will configure this port for both PSRM and the GDAPI.
TCP_PORT_PSRM_RASTER_FC_PORT_MASTER	15057	Same as TCP_PORT_PSRM_RASTER_FC_PORT, but for use in dual-head device master head.
TCP_PORT_PSRM_RASTER_FC_PORT_SLAVE	15058	Applicable only to dual-head device slave head.
TCP_PORT_PSRM_RASTER_DATA_PORT	5051 or 15151	These ports are for receiving raster data when the workflow is on a remote workstation (i.e. Brisque). There is no plan to support this as there is no Brisque Direct GMCE support.
TCP_PORT_PSRM_RASTER_DATA_PORT_MASTER	15151	
TCP_PORT_PSRM_RASTER_DATA_PORT_SLAVE	15152	
UDP_PORT_PSRM_GMCE_CLIENT_PORT	18001	This is a UDP port for the response from the TH3 or GMCE.
UDP_PORT_PSRM_GMCE_CLIENT_PORT_MASTER	18001	Same as UDP_PORT_PSRM_GMCE_CLIENT_PORT, but for use in dual-head device master head.
UDP_PORT_PSRM_GMCE_CLIENT_PORT_SLAVE	18002	Applicable only to dual-head device slave head.

4. GDAPI PORT USAGE

GDAPI Port range is 51357-51357.

Port name	Port Number	Comment
Connection Request	51357	This port is used by the GDAPI DLL to request a connection to Print Console. Once a connection request has been received then two private ports for that given connection are established: one for messages initiated by the client (workflow), and a second port for messages initiated by the server (Print Console). This port can also be altered by setting the Windows registry key: **HKEY_LOCAL_MACHINE\SOFTWARE\Creo\PrintConsole\V2.0\GdapiConfiguration\Socket_ConnectRequestPort**

5. LOG MANAGER PORT USAGE

Log Manager Ports ranges are 4213-4214 & 18101-18102.

Port name	Controlled Release	Port Number	Comment
Log Manager	Magnus VLF CR 3.1, Trendsetter 4/8/News CR2.0 and later	18101	This port is used by Log Manager's clients to send log information to Log Manager. The port number is hard-coded and cannot be changed.
Log Manager	Magnus VLF CR 3.0 and earlier	4213	This port is used by Log Manager's clients to send log information to Log Manager. The port number is hard-coded and cannot be changed.
Redirect	Magnus VLF CR 3.1, Trendsetter 4/8/News CR2.0 and later	18102	Log Manager can write information to log files and redirect it to log viewers. The redirect port is used by log viewers to receive redirected information from Log Manager. The port number is hard-coded and cannot be changed.
Redirect	Magnus VLF CR 3.0 and earlier	4214	Log Manager can write information to log files and redirect it to log viewers. The redirect port is used by log viewers to receive redirected information from Log Manager. The port number is hard-coded and cannot be changed.

6. STATISTIC EVENT MANAGER PORT USAGE

Statistic Event Manager Port ranges are 4215-4215, 18103-18103.

Port name	Controlled Release	Port Number	Comment
Statistic Event	Magnus VLF CR 4.0 and later	18103	The port number is stored in the **CreoBootp.ini** file. To find the location of the **CreoBootp.ini** file, check the registry: **HKEY_LOCAL_MACHINE\SOFTWARE\Creo\Bootp\BootpInitFile**
Statistic Event	Magnus VLF CR 3.1, Trendsetter 4/8/News CR2.0	18103	This port is used by software and firmware clients to send statistic events to Statistic Event Manager. You can modify the port number in the registry: **HKEY_LOCAL_MACHINE\SOFTWARE\Creo\StatisticEventManager\StatisticEventPort**
Statistic Event	Magnus VLF CR 3.0 and earlier	4215	This port is used by software and firmware clients to send statistic events to Statistic Event Manager. You can modify the port number in the registry: **HKEY_LOCAL_MACHINE\SOFTWARE\Creo\StatisticEventManager\StatisticEventPort** For Magnus VLF CR 3.0, you also need to modify the DCAPI registry to change the port number: **HKEY_LOCAL_MACHINE\SOFTWARE\Creo\DCAPI\V2.0\StatServerPortNumber**

7. SERVICE SHELL PORT USAGE

Service Shell Port ranges are 3000-3007.

Port name	Controlled Release	Port Number	Comment
PRDEVSRV_SOCKET_LISTEN_PORTNUM	N/A	3000	This number should never change, as a change will break compatibility between mixed client/server versions.
CDISRV_SOCKET_LISTEN_PORTNUM	N/A	3005	This number should never change, as a change will break compatibility between mixed client/server versions.
SITEMANAGER_SOCKET_LISTEN_PORTNUM	N/A	3006	This number should never change, as a change will break compatibility between mixed client/server versions.
Creo Device Service (SVCHOST_SOCKET_LISTEN_PORTNUM)	N/A	3007	This number should never change, as a change will break compatibility between mixed client/server versions. **Note:** If there is conflict with workflow, you will see the following: **Symptoms:** *RCMD* and *RCTP* prompts in Service Shell. svshellsw.log contains "<xxxxxx>" **Work-around:** Stop workflow. Access Service Host in the System Tray. Click to put the Service Host off-line and then on-line.

8. PRINERGY AND PRINERGY EVO PORT USAGE

Process	Version	Port Number
daemons, JTPs, UADM, workshop	Prinergy® 3.1	1024 - 9000
Oracle	Prinergy and Prinergy® Evo 3.1	1521, 2481
PrinterJTP to Veris	Prinergy and Prinergy Evo 3.1	30208, 30209
Extreme	Prinergy and Prinergy Evo 3.1	49092

Process	Version	Port Number
Orbacus connection for daemons	Prinergy and Prinergy Evo 3.1	49100 - 49102
Link	Prinergy and Prinergy Evo 3.1	49108
Diagview daemon, diagview	Prinergy and Prinergy Evo 3.1	49998, 50001
Floating License Manager	Prinergy and Prinergy Evo 3.1	50010, 56765