

System requirements for Chroma MIS

Product	Component/Option	Software requirements	Hardware requirements
Chroma	Chroma Server (Chroma & PDA Server)	Microsoft Windows Server 2008 R2/2012/2012 R2 Oracle Database 11g/12c Java Runtime 8 (32 bit) Microsoft .NET Framework 4.7.1 Refer to Chroma Client for additional requirements Editable True Type font for BIRT reports Barcode font Code39 Local or network printer for Chroma PDA reports	CPU: Up-to-date 64-bit multi-core processor (at least 4 cores), RAM: at least 32 GB (per database instance) HDD: at least 150 GB Additional service tools or Windows Server roles might increase the hardware requirements
	Chroma Client (Chroma Workstation)	Microsoft Windows 7/8/8.1/10 (32 or 64 bit) Java Runtime 8 (32 bit) Microsoft .NET Framework 4.7.1 Editable True Type font for BIRT reports Barcode font Code39 PDF-XChange 5.5 Microsoft Internet Explorer 10	CPU: Up-to-date multi-core processor (32 or 64 bit) RAM: at least 4 GB Optional for Barcode scanning: barcode scanner, installed as a HMI device
Chroma.Web	Chroma Web Server (Chroma.Web & Web2Print-Server)	Apache Webserver 2.0/2.1/2.2/2.3/2.4 PHP 5.6/7.0/7.1, including module "mysql" and "dom" MySQL 5.5/5.6/5.7, privileges to create triggers and stored procedures are required during update processes, direct access from Chroma Server to MySQL database is mandatory (SSH tunnel is supported) Optional for https: valid SSL certificate Access via FTP(S), SFTP oder SCP PDFlib Personalization Server (PPS) 9 PHP-Modul imagick or access to Postscript interpreter via command line Java Runtime 8	CPU: Up-to-date multi-core processor (32 or 64 bit) RAM: at least 4 GB HDD: at least 40 GB
Chroma PDA	PDA Terminal	Microsoft Windows 7/8/8.1/10 (32 or 64 bit) Microsoft .NET Framework 4.7.1 Local or network printer for report printing	CPU: Up-to-date multi-core processor (32 or 64 bit) RAM: at least 2 GB (32 bit) or 4 GB (64 bit) Optional for MDA: Serial RS-232 interface and Datafox IO-Module Optional for Barcode scanning: barcode scanner, installed as a HMI device Optional for User Logon via RFID: RFID Reader, installed as HMI device; RFID tags, at least 10 bytes payload
	WLAN Terminal	Microsoft Windows Embedded CE 6.0 Microsoft .NET Compact Framework 3.5	Datalogic Falcon X3+

Remarks: Remote desktop access via OpenVPN for remote maintenance.