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BURKINA FASO INFRASTRUCTURE REQUIREMENTS FOR FACTORY DEPLOYMENT

DOCUMENT HISTORY

Version	Release Date	List of Changes
1.0	1 Dec 2020	Initial version

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1 INFRASTRUTURE REQUIREMENTS

The list below displays the **minimum** hardware and software requirements for the installation of each Inextor component.

Newer versions of the Operating Systems are supported (Windows Server 2016 or above).

Components	INEXTOR Gate
Location	Tobacco Factory
Role	Management system that allows the Government to control all serialization aspects of product manufacturing from the factory side, including managing system registration and communication with Serializers and central information system, It is the gateway between production facility and central information system.
Virtual Environment	HyperV, VMWare and KVM
Operating System	Windows Server 2016 or higher (x64) Client: Windows Server 2016 or higher, Windows 10,
Database	SQL Server 2016 or higher SP1 / 2017 /2019 standard / Enterprise Edition (database can be installed on remote SQL server)
Architecture	x86, Recommended x64
Platform	Microsoft .NET Framework 4.7.2 Microsoft .NET Framework 4.8 for new user interface PowerShell version >= 5
Network	1 Ethernet NIC The server should be able to access the different Vaults through MPLS /Internet/intranet Minimal bandwidth: 12.0 Mbit/s, 1.3 Mbit/s
Storage	Minimum 50 GB Recommended: 200 GB+
CPU	3.3 GHz or higher - up to 15 lines: current generation of 4 Core server - from 15 to 30 lines: current generation of 8 Core server - more than 30 lines: current generation of 16 Core server
RAM	Application server: - up to 15 lines: 16 GB - from 15 to 30 lines: 32 GB - more than 30 lines: 64 GB

Burkina Faso Infrastructure requirements for Factory deployment v1.0

Components	INEXTOR LIZ
Location	Tobacco Lines (on the production line area)
Role	The software component that once duly authorized and registered in the central system receives the credentials to allow the generation on the fly of Inextor codes. Generated codes are sent to the printer and never stored in the factory.
Virtual Environment	Not Supported
Operating System	Windows 10
Database	Built-in SQL Server Compact
Architecture	x86, Recommended x64
Platform	Microsoft .NET Framework 4.6
Network	2 Ethernet NICs (one for printer's LAN and the other for Company's LAN)
Storage	40 GB of free space
CPU	1.5 GHz or higher
RAM	8 GB RAM or higher
Screen Resolution	800x600 high-color 32-bit display

2 INEXTOR QUALIFIED PRINTERS

	Continuous Ink Jet (CIJ)	Laser	Labeller	Drop on demand (DoD)	Thermal Ink Jet
Domino	A-Series (200, 300, 400) Warning: A420i and Ax550i are not compatible.	D-Series (D320i, D620i)	M-Series		G-Series Gx
Videojet	Excel & Willet families: 1610, 1620, 1620 UHS, 1650, 1710	Altec CO2 (3330, 3340, 3640)	9550 <i>Dataflex 6420</i>	Wolke M600/M610	
Markem-Imaje		SmartLase	2000, 2200, SmartDate X40/X60		
Zebra			ZT410 ZT610		