

Idemia Sigma Series and MorphoWave

Compact port requirements

Communication Protocols

Protocol	Port	From	To	Description
TCP (TLS 1.2)	42100	MorphoManager Client	MorphoManager Server	All processing of data and actions are on the MorphoManager Server. MorphoManager Client is only the front-end.
TCP	1433	MorphoManager Server	SQL Database Instance and/or SQL Based BioBridge integrations.	MorphoManager stores data in a SQL server. This is for the default SQL port.
TCP	11010	MorphoManager Server	Idemia Sigma and MWC devices	All unencrypted device communication. User enrollment transfer, log collection and configuration.
TCP (TLS) (Optional)	11011	MorphoManager Server	Idemia Sigma and MWC devices	Optional TLS encryption that can be enabled on the device to encrypt all communication.
TCP	11001 1981	MorphoManager Server	Idemia Sigma and MWC Devices	Firmware upgrades are performed on these ports. Note FW upgrades might fail and render a device unusable if these ports are not opened.
TCP/UDP (Optional)	11020	Idemia Sigma and MWC Devices	MorphoManager Server	Realtime biometric transactions