

Country Specific Requirements

Organisations in England

Overview

- This document details the firewall rules and WAN connections required at organisations in England to allow the organisation to access TPP's SystmOne solution hosted on the N3 network.
- This information is country specific and should not be used to configure access to any SystmOne solution outside of England.
- The rules detailed in this document include allowing access to multiple SystmOne environments used by an organisation. All rules are required to be in place for users to access the SystmOne solution correctly.

WAN requirements

- WAN connection requirements for each of the SystmOne environments are below:

Environment	WAN connection required
Live (production)	N3*
Deployment (pre-production)	N3*
Demo (demonstration / training)	Internet

*N3 connections can be via a fixed link at an NHS site, BT N3 VPN tokens or an organisation provided VPN to a physical location with a fixed N3 link.

Quality of Service (QoS)

- It is recommended that the default N3 QoS template is applied by BT to the N3 router at the organisation.

Firewall rules required at the organisation

Port ranges required for all SystmOne environments:

Protocol	Port Range	Notes
TCP	2130 - 2140	
UDP	2120 - 2130	

These instructions are correct at the date of writing. For further assistance, consult the SystemOne Online Help.

ICMP	Used for diagnostics
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Destination IP addresses / FQDNs (all destinations must be opened):

IP Range	WAN connection
20.146.120.128/25	N3
20.146.248.128/25	N3
systemeukdemo1.tpp-uk.com	Internet
systemonline.tpp-uk.com	Internet (FQDN for SystemOnline and Mobile Working)
systemonline2.tpp-uk.com	Internet (FQDN for Demo SystemOnline and Demo Mobile Working)

Additional functionality:

Functionality	Protocol	Port	Destination
NHSMail SMS	TCP	587	send.nhs.net