Country Specific Requirements

Organisations in England

Contents

Document History

Version	Date	Performed By	Approved By	Description
1.0	08/04/2016	Phil Grayson	N/A	Creation
1.1	31/07/2018	Samuel Claxton	N/A	Added additional FQDNs for internet services
1.2	30/04/2025	Samuel Claxton	Matt Hatfield	Updated table with FQDNs as well as IP addresses Updated wording to replace N3 with HSCN

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 Health and Social Care Network (HSCN).
- 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)	HSCN*
Deployment (pre-production)	HSCN*
Demo (demonstration / training)	Internet

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

Quality of Service (QoS)

- It is recommended that the default HSCN QoS template is applied by your CNSP to the HSCN 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	
ICMP		Used for diagnostics

Destination IP addresses / FQDNs (all destinations must be opened):

FQDN/IP	WAN connection	Notes
SystmOne.tpp.nme.ncrs.nhs.uk	HSCN	For Live SystmOne (Production)
SystmOne2.tpp.nme.ncrs.nhs.uk	HSCN	For Disaster Recovery SystmOne and Download
Systmonetest.tpp.nme.ncrs.nhs.uk	HSCN	For TPP's Deployment Environment
systmoneukdemo1.tpp-uk.com	Internet	For TPP's Demo Environment
systmonline.tpp-uk.com	Internet	For SystmOnline and Mobile Working
systmonline2.tpp-uk.com	Internet	For Demo SystmOnline and Demo Mobile Working
20.146.120.128/25	HSCN	Fall back IP ranges for TPP's HSCN facing services
20.146.248.128/25	HSCN	Fall back IP ranges for TPP's HSCN facing services

Additional functionality:

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