

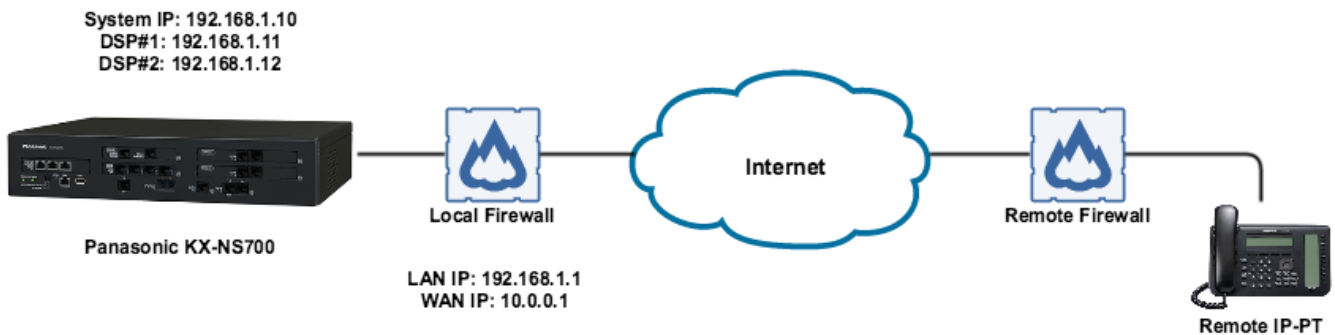
NUMBER:	UG16004
CATEGORY:	KX-NS700AL
DATE:	29/07/2016
VERSION:	1.3

## Panasonic KX-NS700AL – Remote Extensions (IP-PT)

### Introduction

Panasonic KX-NT5XX series IP handsets can connect remotely to the Panasonic KX-NS700AL PABX using the built in session border controller. This allows a remote worker to use the handset as if they were sitting in their office. The procedure below details the configuration of the router to allow remote IP-PT extensions to connect to the system.

### Example Network Diagram:



### Router Configuration

Configure the following port forwards on the near end NAT router/firewall to allow communication between the PABX and remote extensions.

Protocol	Port numbers / range	Destination
MGCP (Media Gateway Control Protocol)	2727 (UDP)	192.168.1.10 (System address)
PTAP (Proprietary Telephone Access Protocol)	9300 (UDP)	192.168.1.10 (System address)
RTP / RTCP (Real-Time Transport Protocol / Real-Time Transport Control Protocol)	16000-16511 (UDP)	192.168.1.11 (DSP#1-1 address)
	16512-17023 (UDP)*	192.168.1.12 (DSP#1-2 address)

\*Note: These forwards are only required if DSP card is installed.