

## Appendix D - Polycom PathNavigator™ Configuration Summary

This example assumes installation has been successfully completed and an Administrator password has been set. Where a configuration option is not mentioned, it can be ignored or left unchecked. Always select **Submit** (or **OK**) before leaving a page or pop-up configuration window, to confirm and save any changes.

*Configuration>General>Gatekeeper Identifier:* **Suitable name**  
*Configuration>General>Gatekeeper Description:* **Suitable description**  
*Configuration>Registration Policy:* **Predefined Endpoints Only**  
*Configuration>Registration Policy> Registration timeout:* **999**  
*Configuration>Registration Policy> Offline timeout:* **300**  
**(Submit)**

*Configuration>Call Policy>Routing Mode:* **Direct**  
*Configuration>Call Policy>Show messages on Polycom:* **Checked**  
*Configuration>Call Policy>Neighbour gatekeeper hop count:* **9**  
**(Submit)**

*Configuration>Routing and Policies>Network Topology>Networks>Add*

*Network name:* **Suitable name**  
*Endpoints within this network...zone:* **Checked**  
*Country Code:* **044**  
*Area Code:* **Local telephone code**  
*# of digits:* **6**  
*Did Assignment:* **both zero**  
*IP Config:*  
*Default Group Policy:* **Everyone**  
*Default LCR table:* **None**

**(OK)**

*Configuration>Routing and Policies>Network Topology>WAN Links>Internet/VPN>Add*

*WAN Link Name:* **Link to JANET (or similar)**  
*First network in path:* **name of the network created in the last step**  
*Other networks reached...:* **None**  
*Max bandwidth:* **Suitable value**  
*Max Bit Rate:* **768 (or other suitable value)**

**(OK)**

Configuration>Routing and Policies>Network Topology>Network Addresses>Add

*IP address:* **single machine or Class C address (latter ends in .0)**

*Subnet mask:* **single machine: 255.255.255.255; Class C: 255.255.255.0**

*Max Video bandwidth:* **suitable value (2,000 suggested)**

*Max bit rate:* **suitable value (768 suggested)**

**(OK)**

Repeat the above step until all networks (with endpoints) administered by this PathNavigator have been added.

Configuration>Neighbor Gatekeeper>Neighbors>Add

*Description:* **JVCS Directory Gatekeeper**

*IP:* **aaa.bbb.ccc.ddd (IP address supplied by JVCS)**

*Prefix:* **Leave blank**

*# of digits to strip:* **0**

*Prepending String:* **leave blank**

*Port:* **1719**

**(OK)**

Repeat the above step for the second JVCS directory gatekeeper, substituting its numeric IP address.

Configuration>Neighbor Gatekeeper>Local Zone Prefixes>Add:

*Description:* **Gatekeeper name (this gatekeeper – as in ‘gatekeeper identifier’ above)**

*Prefix:* **0044xxxxx (xxxxx = 5-digit zone number supplied by JVCS-MC)**

**(OK)**

Note: an alternative approach: If the Configuration>Registration Policy is originally set to ‘Everyone’, then each legitimate endpoint registers, and is visible on the Monitor>Endpoints page. The Configuration>Registration Policy can then be re-set to ‘Predefined Endpoints’ and the next step can be omitted, as the endpoints registered at the time of making the change will be retained in the endpoint list.

Monitor>Endpoints>Add:

*Type:* **Terminal**

*IP Address:* **complete for Static/DHCP; enter IP address of terminal**

*Call Signalling Port:* **1720**

*Expiration:* **Never**

**Use default from network**

*Group Policy:* **Everyone**

*Alias type(1):* **E.164**

*Alias value(1):* **terminal extension number (the terminal’s local ‘extension’ number)**

*Alias type(2):*

### **H.323 ID**

*Alias Value(2):* terminal-jvcs-reg-name@domain <sup>[1]</sup> **(substitute your correct values)**

### **(OK)**

Repeat the above step until all terminals are known to the gatekeeper.

End of Configuration

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**Source URL:** <https://community-stg.jisc.ac.uk/library/videoconferencing-booking-service/appendix-d-polycom-pathnavigator%E2%84%A2-configuration-summary>

### **Links**

[1] <mailto:terminal-jvcs-reg-name@domain>