

## Appendix A. IP addresses map.

Node name/type	IP addresses
<b>Important nodes</b>	
<b>Scoring Machines Server</b>	172.20.0.1
<b>Backup Scoring Machines Server</b>	172.20.0.2
<b>allstar / Uhlmann Scoring Machine Management Server</b>	172.20.0.3
<b>allstar / Uhlmann Pager Command Server incl. Backup Server</b>	172.20.0.4
<b>Free for special servers</b>	172.20.0.5-172.20.0.6
<b>Backup Server of the results</b>	172.20.0.7
<b>Server of the results</b>	172.20.0.8
<b>Devices with Management fencing competitions system</b>	172.20.0.9 - 172.20.0.32
<b>Reserved SEMI</b>	172.20.0.33 - 172.20.0.128
<b>Dynamically allocated by DHCP server</b>	172.20.0.129 - 172.20.0.239
<b>allstar / Uhlmann Pager Radio Transmitters</b>	172.20.0.240 - 172.20.0.244
<b>Managed Switches for redundant connecting of pistes and monitoring of the network</b>	172.20.0.245 - 172.20.0.249
<b>Free</b>	172.20.0.250 - 172.20.0.255

## Pistes

<b>Podium(final)</b>	172.20.60.1 172.20.60.2 - 172.20.60.15 172.20.60.16 - 172.20.60.32 172.20.60.33 - 172.20.60.47 172.20.60.48 172.20.60.49 172.20.60.50  172.20.60.51 - 172.20.60.128 172.20.60.129 - 172.20.60.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
<b>Blue</b>	172.20.61.1 172.20.61.2 - 172.20.61.15 172.20.61.16 - 172.20.61.32 172.20.61.33 - 172.20.61.47 172.20.61.48 172.20.61.49 172.20.61.50  172.20.61.51 - 172.20.61.128 172.20.61.129 - 172.20.61.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
<b>Yellow</b>	172.20.62.1 172.20.62.2 - 172.20.62.15 172.20.62.16 - 172.20.62.32 172.20.62.33 - 172.20.62.47 172.20.62.48 172.20.62.49 172.20.62.50  172.20.62.51 - 172.20.62.128 172.20.62.129 - 172.20.62.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
<b>Green</b>	172.20.63.1 172.20.63.2 - 172.20.63.15 172.20.63.16 - 172.20.63.32 172.20.63.33 - 172.20.63.47 172.20.63.48 172.20.63.49 172.20.63.50  172.20.63.51 - 172.20.63.128 172.20.63.129 - 172.20.63.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
<b>Red</b>	172.20.64.1 172.20.64.2 - 172.20.64.15 172.20.64.16 - 172.20.64.32 172.20.64.33 - 172.20.64.47 172.20.64.48 172.20.64.49 172.20.64.50  172.20.64.51 - 172.20.64.128 172.20.64.129 - 172.20.64.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free

<b>Piste 1</b>	172.20.1.1 172.20.1.2 - 172.20.1.15 172.20.1.16 - 172.20.1.32 172.20.1.33 - 172.20.1.47 172.20.1.48 172.20.1.49 172.20.1.50  172.20.1.51 - 172.20.1.128 172.20.1.129 - 172.20.1.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
<b>Piste 2</b>	172.20.2.1 172.20.2.2 - 172.20.2.15 172.20.2.16 - 172.20.2.32 172.20.2.33 - 172.20.2.47 172.20.2.48 172.20.2.49 172.20.2.50  172.20.2.51 - 172.20.2.128 172.20.2.129 - 172.20.2.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
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<b>Piste N</b>	172.20.N.1 172.20.N.2 - 172.20.N.15 172.20.N.16 - 172.20.N.32 172.20.N.33 - 172.20.N.47 172.20.N.48 172.20.N.49 172.20.N.50  172.20.N.51 - 172.20.N.128 172.20.N.129 - 172.20.N.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
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<b>Piste 59</b>	172.20.59.1 172.20.59.2 - 172.20.59.15 172.20.59.16 - 172.20.59.32 172.20.59.33 - 172.20.59.47 172.20.59.48 172.20.59.49 172.20.59.50  172.20.59.51 - 172.20.59.128 172.20.59.129 - 172.20.59.255	Master scoring machine Slave scoring machines Referees systems (video referee) Live Running Lights Controller UPS Monitoring Device Managed Switches for redundant connecting of pistes and monitoring of the network reserved for SEMI free
<b>Other</b>		
<b>Reserved SEMI</b>	172.20.65.x – 172.20.127.x 172.20.100.1 – Weapon Control Zone Server	
<b>Reserved by Wi-Fi access points and routers</b>	172.20.128.x	
<b>Dynamically allocated by DHCP server</b>	172.20.129.x – 172.20.254.x	
<b>Free</b>	172.20.255.x	