

Network Simulation Tool for Project 25: Inter-RF Subsystem Interface (ISSI) Software Requirements

September 30, 2011
GUI version 1.0.0

Windows

Windows 7 users: The default installation path is under c:/Program Files/ and requires administrative privileges to run. In order to run as a normal user, please change the installation directory where you have read/write permissions.

Module	Requirements	What is installed
<ul style="list-style-type: none"> Client (97 MB) 	<ul style="list-style-type: none"> 35 MB in the HD (up to 350 MB if Java JRE and Adobe Reader are not present in the system) 256 MB of RAM minimum, 1024 MB recommended Audio hardware (to use the audio features) 	<ul style="list-style-type: none"> Oracle's JRE 1.6.24 (if needed) Adobe Reader X (if needed) P25 ISSI Network Simulator GUI Documentation (GUI and simulation model) Sample scenarios
<ul style="list-style-type: none"> Server (505 MB) 	<ul style="list-style-type: none"> 2.2 GB in the HD (up to 2.5 GB if Java JRE and Adobe Reader are not present in the system) 384 MB of RAM minimum, 512 MB recommended 	<ul style="list-style-type: none"> Oracle's JRE 1.6.24 (if needed) Adobe Reader X (if needed) QemuManager (if needed) VM with linux system and P25 ISSI Network Simulator server VM configuration tool Documentation (server)
<ul style="list-style-type: none"> All-in-one (542 MB) 	<ul style="list-style-type: none"> Up to 2.5 GB in the HD 512 MB of RAM minimum, 1024 MB recommended Audio hardware (to use the audio features) 	<ul style="list-style-type: none"> Oracle's JRE 1.6.24 (if needed) Adobe Reader X (if needed) QemuManager (if needed) P25 ISSI Network Simulator GUI VM with linux system and P25 ISSI Network Simulator server VM configuration tool Documentation (GUI, server, and simulation model) Sample scenarios

Linux

Module	Requirements	What is installed
<ul style="list-style-type: none"> Client (59 MB) 	<ul style="list-style-type: none"> 35 MB in the HD (up to 150 MB if Java JRE is not present in the system) 256 MB of RAM minimum, 1024 MB recommended Audio hardware (to use the audio features) 	<ul style="list-style-type: none"> Oracle's JRE 1.6.24 (if needed) P25 ISSI Network Simulator GUI Documentation (GUI and simulation model) Sample scenarios
<ul style="list-style-type: none"> Server (45 MB) 	<ul style="list-style-type: none"> 140 MB in the HD (up to 250 MB if Java JRE is not present in the system) 128 MB of RAM minimum, 512 MB recommended Linux development tools (gcc/g++ v4 or higher, make, autotools) Xt development libraries Tar and Gunzip Permission to open two different TCP ports (one for the simulation server, another for the server configuration) 	<ul style="list-style-type: none"> Oracle's JRE 1.6.24 (if needed) P25 ISSI Network Simulator server Documentation (server)
<ul style="list-style-type: none"> All-in-one (104 MB) 	<ul style="list-style-type: none"> Up to 175 MB in the HD 256 MB of RAM minimum, 1024 MB recommended Audio hardware (to use the audio features) Linux development tools (gcc/g++ v4 or higher, make, autotools) Xt development libraries Tar and Gunzip Permission to open two different TCP ports (one for the simulation server, another for the server configuration) 	<ul style="list-style-type: none"> Oracle's JRE 1.6.24 (if needed) P25 ISSI Network Simulator GUI P25 ISSI Network Simulator server Documentation (GUI, server, and simulation model) Sample scenarios

OS X

Module	Requirements	What is installed
<ul style="list-style-type: none"> Client (39 MB) 	<ul style="list-style-type: none"> 35 MB in the HD 256 MB of RAM minimum, 1024 MB recommended Audio hardware (to use the audio features) Mac OS X 10.5 or newer Oracle's JRE 10.6 	<ul style="list-style-type: none"> P25 ISSI Network Simulator GUI Documentation (GUI and simulation model) Sample scenarios
<ul style="list-style-type: none"> Server (25 MB) 	<ul style="list-style-type: none"> 140 MB in the HD 128 MB of RAM minimum, 512 MB recommended Mac OS X 10.5 or newer Oracle's JRE 10.6 Xcode Permission to open two different TCP ports (one for the simulation server, another for the server configuration) 	<ul style="list-style-type: none"> P25 ISSI Network Simulator server Documentation (server)
<ul style="list-style-type: none"> All-in-one (64 MB) 	<ul style="list-style-type: none"> Up to 175 MB in the HD 256 MB of RAM minimum, 1024 MB recommended Audio hardware (to use the audio features) Mac OS X 10.5 or newer Oracle's JRE 10.6 Xcode Permission to open two different TCP ports (one for the simulation server, another for the server configuration) 	<ul style="list-style-type: none"> P25 ISSI Network Simulator GUI P25 ISSI Network Simulator server Documentation (GUI, server, and simulation model) Sample scenarios