

System Requirement List

Hitachi Solutions Geographical Information System(version5.0)

Hitachi Solutions, Ltd.

Oct/2014

Hitachi Solutions Geographical Information System Client

Below conditions are system requirements for Hitachi Solutions Geographical Information System Client.

Items	System requirements
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)

Hitachi Solutions Geographical Information System Server(1/2)

Below conditions are system requirements for Hitachi Solutions Geographical Information System Server.

GIS Server

Items	System requirements
For Windows	
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
	Microsoft Windows Server 2008
	Microsoft Windows Server 2012
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Database connectivity	Oracle Database Client 11g
	Oracle Database Client 12c
	HITACHI HiRDB Run Time Version 8
	HITACHI HiRDB Run Time Version 9
	Microsoft SQL Server 2005/2008 JDBC Driver
	Microsoft SQL Server 2012 JDBC Driver
	JDBC driver for PostgreSQL 8.0
	JDBC driver for PostgreSQL 9.1
For Solaris	
Operating system	Solaris 9
	Solaris 10
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Database connectivity	HITACHI HiRDB Run Time Version 8
	JDBC driver for PostgreSQL 8.0
For Linux	
Operating system	Red Hat Enterprise Linux 5
	Red Hat Enterprise Linux 6
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Database connectivity	Oracle Database Client 11g
	Oracle Database Client 12c
	HITACHI HiRDB Run Time Version 9
	JDBC driver for PostgreSQL 8.0

Hitachi Solutions Geographical Information System Server(2/2)

Below conditions are system requirements for Hitachi Solutions Geographical Information System Server.

Data Server

Items	System requirements
For Windows	
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
	Microsoft Windows Server 2008
	Microsoft Windows Server 2012
Database software	Oracle Database 11g
	Oracle Database 12c
	HITACHI HiRDB Single Server/Parallel Server Version 8
	HITACHI HiRDB Single Server/Parallel Server Version 9
	Microsoft SQL Server 2005(*1)
	Microsoft SQL Server 2008(*1)
	Microsoft SQL Server 2012(*1)
	PostgreSQL 8.0
PostgreSQL 9.1	
For Solaris	
Operating system	Solaris 9
	Solaris 10
Database software	HITACHI HiRDB Single Server/Parallel Server Version 8
	PostgreSQL 8.0
For Linux	
Operating system	Red Hat Enterprise Linux 5
	Red Hat Enterprise Linux 6
Database software	HITACHI HiRDB Single Server/Parallel Server Version 9
	PostgreSQL 8.0

(*1)Spatial query plug-in is not available.

(If there are more than 10000 data to be updated, problems on performance can be caused.)

Management Console

Items	System requirements
For Windows	
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
	Microsoft Windows Server 2008
	Microsoft Windows Server 2012
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
For Solaris	
Operating system	Solaris 9
	Solaris 10
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
For Linux	
Operating system	Red Hat Enterprise Linux 5
	Red Hat Enterprise Linux 6
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)

Hitachi Solutions Geographical Information System Web Map Engine

Below conditions are system requirements for Hitachi Solutions Geographical Information System Web Map Engine.

Web Client

Items	System requirements
Operating system	Microsoft Windows Vista
	Microsoft Windows 8
	Microsoft Windows 7
Web browser	Microsoft Internet Explorer 7.0
	Microsoft Internet Explorer 8.0
	Microsoft Internet Explorer 9.0
	Microsoft Internet Explorer 10.0
	Mozilla Firefox 2.0
	Mozilla Firefox 3.0
	Mozilla Firefox 3.6
Mozilla Firefox 13	

Web Server

Items	System requirements
For Windows	
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
	Microsoft Windows Server 2008
	Microsoft Windows Server 2012
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Web application server	Adobe macromedia JRun4 Professional
	HITACHI uCosminexus Application Server 6.5
	HITACHI uCosminexus Application Server 7.1
	Apache Tomcat 5.5
	Apache Tomcat 6.0
	Apache Tomcat 7.0
	IBM WebSphere Application Server V6.1
For Solaris	
Operating system	Solaris 9
	Solaris 10
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Web application server	Adobe macromedia JRun4 Professional
	HITACHI uCosminexus Application Server 7.1
	Apache Tomcat 5.5
	Apache Tomcat 6.0
For Linux	
Operating system	Red Hat Enterprise Linux 5
	Red Hat Enterprise Linux 6
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
	Open JDK Runtime Runtime Environment 6 (64bit)
Web application server	HITACHI uCosminexus Application Server 8.5
	HITACHI uCosminexus Application Server 9.0
	Apache Tomcat 5.5
	Apache Tomcat 6.0

Hitachi Solutions Geographical Information System Web Option

Below conditions are system requirements for Hitachi Solutions Geographical Information System Web Option.

Web Client

Items	System requirements
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)(*2)
	Java SE Runtime Environment(JRE) 7 (64bit)(*2)
Web browser	Microsoft Internet Explorer 7.0
	Microsoft Internet Explorer 8.0
	Microsoft Internet Explorer 9.0
	Microsoft Internet Explorer 10.0

(*2)Using 32bit Java plug-in for 32bit browser is recommended in 64bit Windows environment.

Web Server

Items	System requirements
For Windows	
Operating system	Microsoft Windows Vista
	Microsoft Windows 7
	Microsoft Windows 8
	Microsoft Windows Server 2003
	Microsoft Windows Server 2008
	Microsoft Windows Server 2012
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Web application server	Adobe macromedia JRun4 Professional
	HITACHI uCosminexus Application Server 6.5
	HITACHI uCosminexus Application Server 7.1
	Apache Tomcat 5.5
	Apache Tomcat 6.0
	Apache Tomcat 7.0
	IBM WebSphere Application Server V6.1
For Solaris	
Operating system	Solaris 9
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
Web application server	Adobe macromedia JRun4 Professional
	HITACHI uCosminexus Application Server 7.1
	Apache Tomcat 5.5
	Apache Tomcat 6.0
	IBM WebSphere Application Server V6.1
For Linux	
Operating system	Red Hat Enterprise Linux 5
	Red Hat Enterprise Linux 6
Java requirement	Java SE Runtime Environment(JRE) 6 (32bit)
	Java SE Runtime Environment(JRE) 6 (64bit)
	Java SE Runtime Environment(JRE) 7 (64bit)
	Open JDK Runtime Runtime Environment 6 (64bit)
Web application server	HITACHI uCosminexus Application Server 8.5
	HITACHI uCosminexus Application Server 9.0
	Apache Tomcat 5.5
	Apache Tomcat 6.0

Note:

- There is no difference and limitations depending on the OS editions.
- Please choose the 32 bit OS or the 64 bit OS according to the JRE you use.
- For any of this software, the specific editions, versions, revisions, or patches that can be used with Hitachi Solutions GIS may vary, depending on the configuration of the system. For details, please consult the developer in question before installing Hitachi Solutions GIS.
- For more supports information on the other environment which isn't mentioned here, please contact the developer.