International Glass Database System
INTERGLAD Ver.7
NEW GLASS FORUM

Chapter 3　Basic Procedures of INTERGLAD Ver. 7

【Internet Edition】
Q2 Can not connect in Internet edition

Please follow the manual, Chapter 3 system installation and initial setting.
The following are important points.
· Did you install Java?
  Also note the update to the latest version of Java.
   (Don't update to avoid uninstallation of JavaVer7)
· Enable Java content in Web browser.
  Add the exception site.
· Microsoft Edge or Google Chrome are unable to use,
  Because they do not work for Java. Please use Internet Explorer.

Users who use INTERGLAD for the first time can perform
the main functions of Search, Analysis and Prediction (Designing)
according to these procedures.
For the details refer "Detailed explanation of windows and operation" of Chapter 4.

18 January, 2018

System Installation and Initial Setting

Required procedures are different with INTERGLAD types (Internet edition, Standard edition, CD full function edition). In addition, available functions are different with Java version used. Refer the following list.

Application Types of INTERGLAD Ver. 7

1. Internet edition   Without system install, full functions except file operation and User Data are available with the latest data.

System Install	Internet Connection	Authenti-cation	Java (32bit)	Available Database[1]	Available Function						OS	PC	
					Search	Analysis	Prediction /Design	Print[2]	File Import /Export[3]	User Data Conversion /Registration		Rewrite of Batch File	
												Win 32bit	Win 64bit
Required	Required	Server (ID, PW)	Ver. 7 / Ver. 8	Server DB	Yes	Yes	Yes	Yes	No	-	Windows Linux Mac OS X	-	-

2. Standard edition   Full functions are available with the latest data (for Java Ver. 7).
                      Full functions except User Data are available with the latest data (for Java Ver. 8).

System Install	Internet Connection	Authenti-cation	Java (32bit)	Available Database[1]	Available Function						OS	PC	
					Search	Analysis	Prediction /Design	Print[2]	File Import /Export[3]	User Data Conversion /Registration		Rewrite of Batch File	
												Win 32bit	Win 64bit
Required	Required	Server (ID, PW)	Ver. 7	Server DB	Yes	Yes	Yes	Yes	Yes	-	Windows Linux* Mac OS X* (* only for Server DB)	Required[5]	Required[6]
				Local DB	Yes	Yes	Yes	Yes	Yes	-			
				User DB	Yes	Yes	Yes	Yes	Yes	Yes			
			Ver. 8	Server DB	Yes	Yes	Yes	Yes	Yes	-		Not Required	Not Required
				Local DB	No	No	No	No	No	-			
				User DB	No	No	No	No	No	No			
Temporary System[4] Decompress				Server DB	Yes	Yes	Yes	Yes	Yes	-	Windows Linux Mac OS X	Not Required	Not Required
				Local DB	Yes	Yes	Yes	Yes	Yes	-			
				User DB	Yes	Yes	Yes	Yes	Yes	No			

3. CD Full Function edition   Without internet connection, full functions are available (for Java Ver. 7).
                          Without internet connection, full functions except User Data are available (for Java Ver. 8).

System Install	Internet Connection	Authenti-cation	Java (32bit)	Available Database[1]	Available Function						OS	PC	
					Search	Analysis	Prediction /Design	Print[2]	File Import /Export[3]	User Data Conversion /Registration		Rewrite of Batch File	
												Win 32bit	Win 64bit
Required	Not Required	Access Key	Ver. 7	Local DB	Yes	Yes	Yes	Yes	Yes	-	Windows	Required[5]	Required[6]
				User DB	Yes	Yes	Yes	Yes	Yes	Yes			
			Ver. 8	Local DB	No	No	No	No	No	-		-	-
				User DB	No	No	No	No	No	No			
Temporary System[4] Decompress				Local DB	Yes	Yes	Yes	Yes	Yes	-	Windows Linux Mac OS X	Not Required	Not Required
				User DB	Yes	Yes	Yes	Yes	Yes	No			

1 Available Database
     Server DB: Database stored in the INTERGLAD server of the NGF, available with the latest data any time.
     Local DB: Database installed on the user's PC from the Web page or CD by the NGF, renewed every year.
     User DB: Database in which the user registered his/her own data on the user's PC, available for use such as search along with the Server DB or Local DB.
2 Print: Prints of tables and figures as searched results, etc. are available.
3 File Import/Export: Data- and image-save/open are available for search conditions, search results, analysis results, prediction results, etc.
4 Temporary System: INTERGLAD system using JDBC and UcanAccess for Java Ver. 8, which has been made temporarily, because Java Ver.8 does not have
   the access function to ODBC date source.
5 Rewrite of the batch file for Win 32bit PC: java→ "c:\Program Files\Java\jre7\bin\java.exe" (Not Required only with Java Ver. 7)
6 Rewrite of the batch file for Win 64bit PC: java→ "c:\Program Files (x86)\Java\jre7\bin\java.exe" (Required even only with Java Ver. 7)
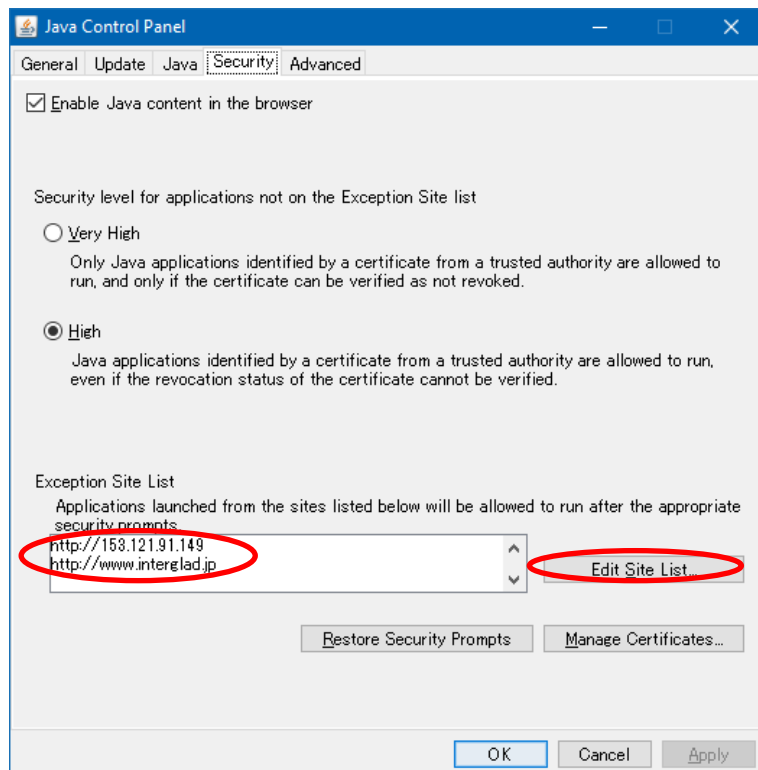INTERGLAD system is composed of Property Database and Structure Database. The Structure Database does not have functions of prediction/design and user data,
 and it is only english version.

The procedures are explained for Windows 10 as an example.

1. **Procedure for Internet Edition**

Internet edition can be used only by installing of Java (Version 6 or newer). Refer to 2. 2). For Windows 10, etc. the following procedure is required. Open the Control Panel and select Java. On the [Security] window of Java Control Panel, check "Enable Java content in the browser," and add "http://153.121.91.149" and "http://www.interglad.jp" in the Exception Site List by clicking the [Edit Site List] button. For Internet Edition, URL http://153.121.91.149/interglad7 or http://www.interglad.jp/interglad7/ can be used, and the addition in the Exception Site List corresponding to the URL is necessary. Microsoft Edge and Google Chrome are unable to use, because they do not work for Java. Refer to 4. 2) c. of Chapter 2. for the details of the Web browser.

Java Control Panel
[Security] window

For start-up of Internet Edition, open the [INTERGLAD WEB] page by setting,

http://153.121.91.149/interglad7/ or http://www.interglad.jp/interglad7/. This page can be opened also from NEW GLASS FORUM Web site by clicking [Ver. 7 Internet edition] of [Access to INTERGLAD] in the right-hand side menu followed by opening the [INTERGLAD 7] page. Input the User ID and Password in each box at the left side of the window, and click the [LOGIN] button. When some dialogues appear, proceed as follows.

1) Java was blocked because it is out of date and needs to be updated.   →Run this time

2) To display the webpage again, the web browser needs to resend the information you've previously submitted.   →Retry

3) Your java version is out of date.   →Later

4) Do you want to run this application?   →Run

The [Main] window of INTERGLAD appears under the window of INTERGLAD WEB. Start INTERGLAD by setting the [Main] window upside.

2. Procedure for Standard Edition

1) Check Operating System 32 bit or 64 bit

   The user can distinguish if the OS of his/her PC is 32-bit or 64-bit in the [System] window from [System and Security] of [Control Panel].

2) Install Java

   Download and install Java on the user's PC from the following Web page.

      http://www.java.com/en/download/ie_manual.jsp

   By this procedure usually the newest Java Version 8 of 32-bit is installed. Java Version 7 or former has access function to ODBC data source, but Java Ver. 8 does not have it. Therefore when only Ver. 8 is installed, the user cannot use the Local Database and User Database. For use of full functions of INTERGLAD, install Java Ver. 7 (32-bit) from the following Web page, since the public update by Oracle Corp. has already finished (4.2015).

      http://www.oracle.com/technetwork/java/javase/downloads/java-archive-downloads-javase7-521261.html#jre-7u80-oth-JPR

      Windows x86 Offline: jre-7u80-windows-i586.exe

   For this, create a free Oracle Account, and the user can download and install it by inputting the Username and Password.

   When Java Ver. 7 is already in the PC, take care not to uninstall it. The user can utilize acquisition support by Oracle for necessity of security. All functions except the functions of User Data are available by installing only Ver, 8.

3) Install INTERGLAD system