How to use XUANALYZER

1. Introduction

XUANALYZER goal is to gather the different values necessary to provide a quote for the Xtech-Upgrade and/or Xtech-Studio packages for any project involving Xtech – upgrade, transition or environment management-.

XUANALYZER is delivered in a X3 patch format.

To get it connect to X-Techarts Web site, https://x-techarts.com/commercialisation/ in the sales tab. A zip file is available for download.

It contains

- XUANALYZER patch (.dat) for all supported X3 versions
  - X3 V5
  - X3 V6
  - X3 V7 or higher
- How-To document

You'll have to install the adequate patch version on your customer production folder.

Patches contain only one adx script for V5 and V6, and two for V7 and higher.

Patch must be installed and executed in the **customer production folder** only (the one you plan to upgrade).

If you intend to upgrade several folders, you'll have to install the patch, and to execute XUANALYZER, on each folder **.

** Note : It is not necessary if the customer version is V12. Execute the analyzer only on the main production folder in this case

2. XUANALYZER

- Ask some information, necessary to create a quote. Depending on the X3 version the information can be read directly on the X3 license. If not, they will be asked.
- Reads Sage X3 development description in a set of supervisor tables (ATABLE, ATABZON, AMSK, AMSKZON, ….) and in the same tables in the X3 folder. It evaluates the differences and writes them on a trace file.
- Sends SQL requests to the database to know the number of records and the size of each production folder's table and writes results in the same trace file.
- Reads some environment information and writes them in the trace file

XUANALYZER doesn't not write or alter any data in the folder.

It presents no risk for the customer folder, and can be run anytime (no database lock)

Execution time is depending on the environment complexity and of the speed of the server.

It will not last more than a few minutes.

XUANALYZER messages are in English language only.

A confirmation will be asked before running the script, check you are logged on the right folder.

Progression messages will be displayed during the process.

3. How to retrieve and install XUANALYZER

1) Download the zip file from X-Techarts Web site, https://x-techarts.com/commercialisation/
   You will always find the up-to-date XUANALYZER version.
2) Unzip the XUANALYZER zip file with 7-Zip.
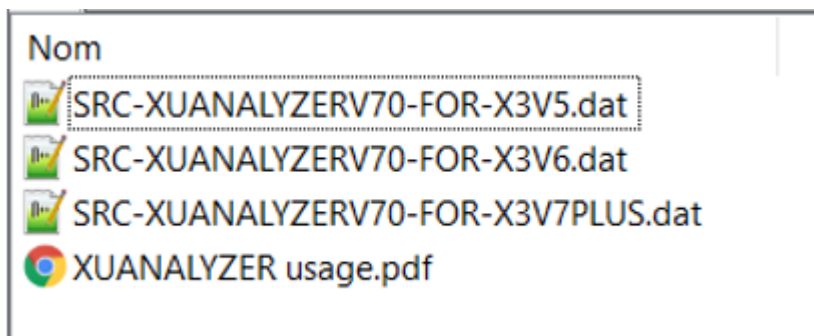
3) Choose the patch distribution corresponding to the X3 version of your customer (V5, V6, or V7 or higher)
4) Connect to the production folder and call the patch integration function (PATCH).
   Note : the patch **must be integrated in the production folder** only.
   SEED is the production folder in this example
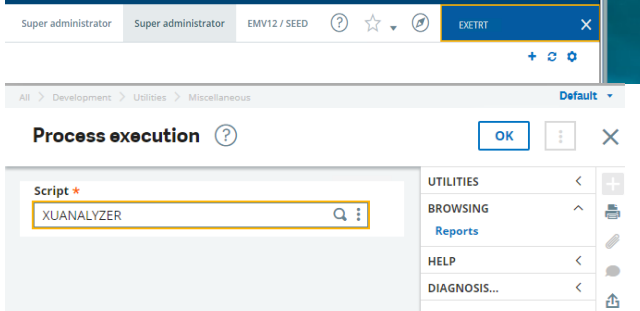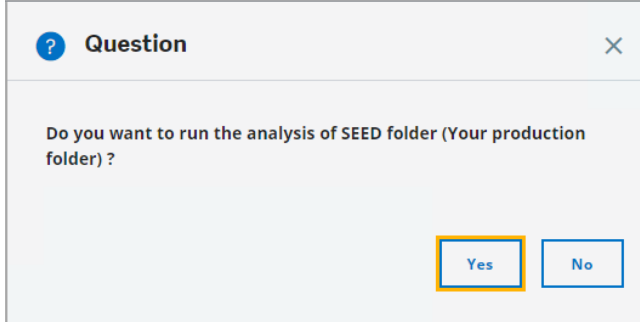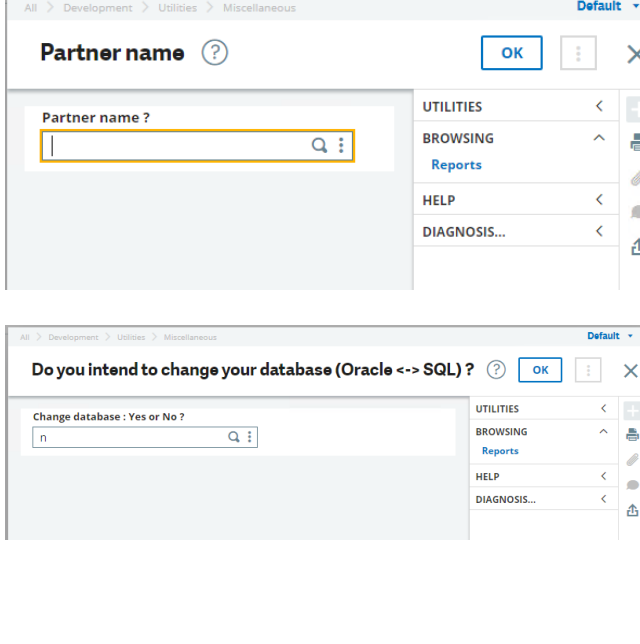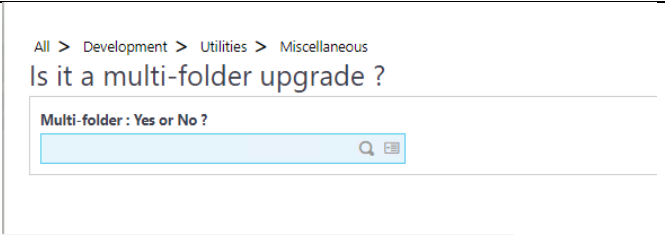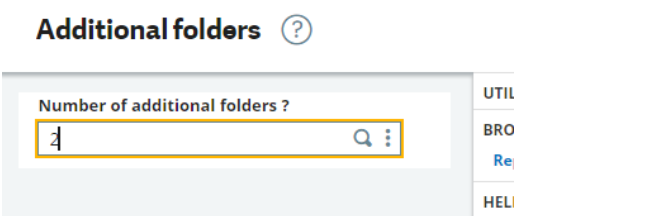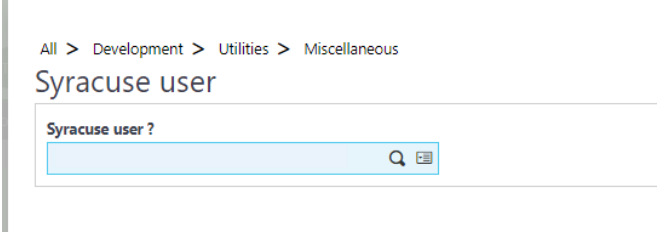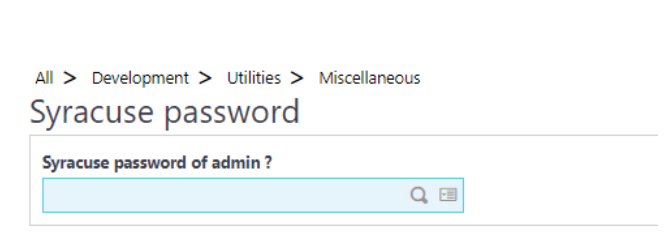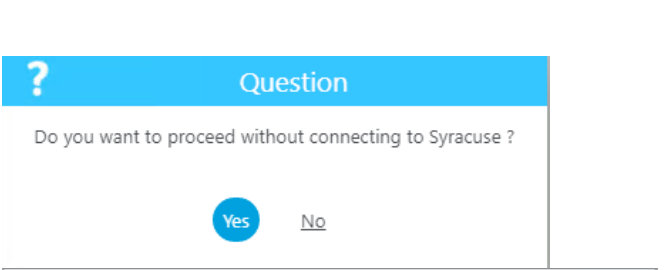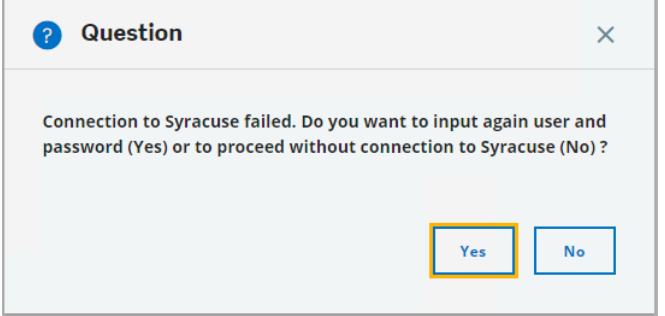
4. How to use XUANALYZER
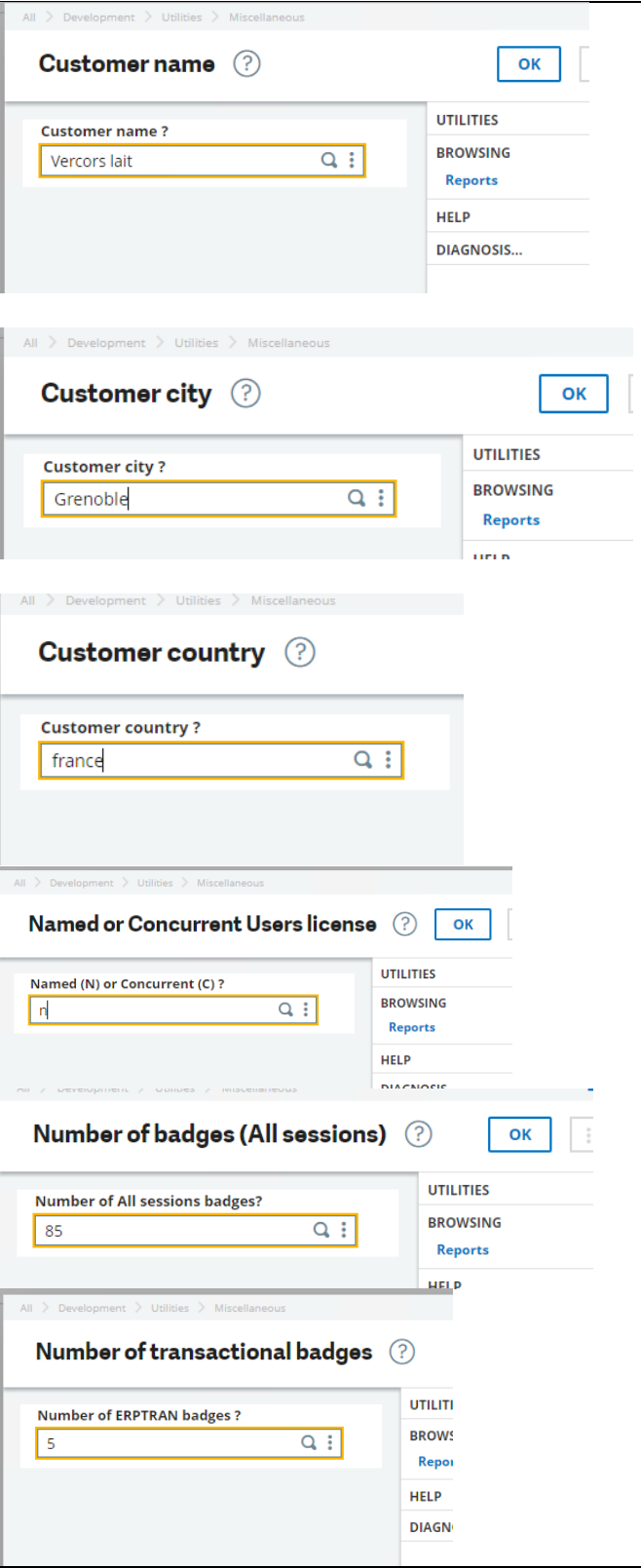
XUANALYZER execution will start asking for some information necessary to provide a quote.
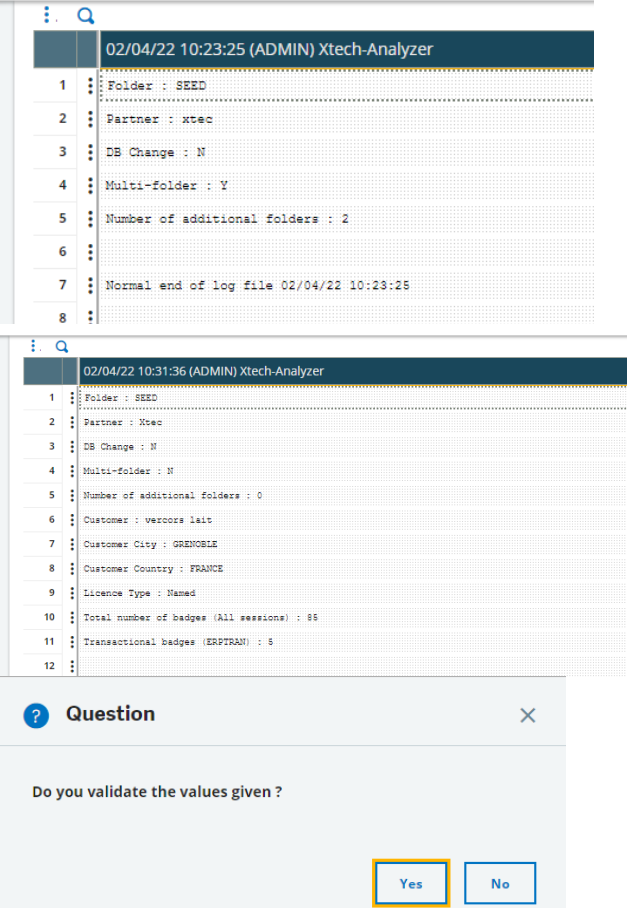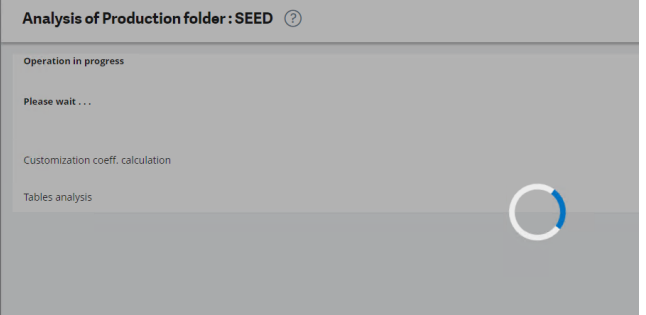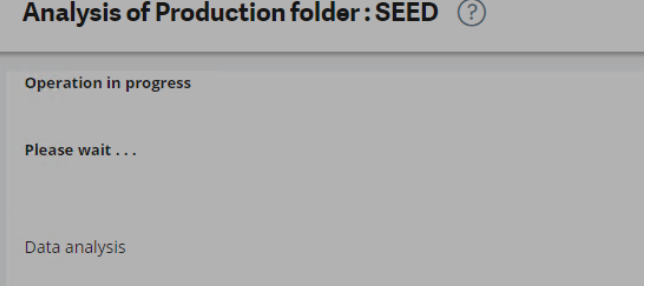
Depending on the X3 version on which XUANALYZER is executed, the questions asked will slightly differ, as some information will be read directly on the X3 license file.

If you're executing XUANALYZER on a V11 or a V12 X3 version, it will facilitate if you can provide a Syracuse user and password with Administrator rights when the question will be asked. If not, you will have to input information identifying customer and linked to license when required.

1	Log in the production folder Run the EXETRT function You can retrieve it with the search box. Choose XUANALYZER script	
2	A confirmation question will be asked. Check that the folder is the right one (customer's production folder).	
3	A first set of questions will be asked. Partner Name If you intend to change the database during your upgrade project : Oracle → SQL Or SQL → Oracle	

	If you're on a version lower than V12, an additional question will ask if you plan to do a multi-folder upgrade. In this case you'll have to execute the analyzer on the different folders concerned by the upgrade. Give the number of additional folders to upgrade in case of multi-folder project	All > Development > Utilities > Miscellaneous **Is it a multi-folder upgrade ?** Multi-folder : Yes or No ? Q ▦ **Additional folders** ⑦ Number of additional folders ? 2 Q ⋮ UTIL BRO Re HEL
4	**Only for folders in V11 or V12** Two questions will ask for Syracuse credentials. The Syracuse credentials given must have an Admin role to access X3 license info. They will not be kept nor stored in the trace file. Connection may fail. It may be because your credentials are incorrect, or because you are in an old Syracuse version that do not offer this feature. In this case you will have the choice to input again credentials or to proceed without connecting to Syracuse. In this case you will have to input values just as if you were in a version between V7 and V9.	All > Development > Utilities > Miscellaneous **Syracuse user** Syracuse user ? Q ▦ All > Development > Utilities > Miscellaneous **Syracuse password** Syracuse password of admin ? Q ▦ **?** **Question** Do you want to proceed without connecting to Syracuse ? Yes No ❓ **Question** ✕ Connection to Syracuse failed. Do you want to input again user and password (Yes) or to proceed without connection to Syracuse (No) ? Yes No
	Only for folders in V7, V8 or V9 or upper X3 versions with incorrect Syracuse connection	

5	You will be asked some information identyfing the customer : Name, city and country	**Customer name** ⑦ [OK] Customer name ? Vercors lait 🔍 ⋮ UTILITIES BROWSING Reports HELP DIAGNOSIS... **Customer city** ⑦ [OK] Customer city ? Grenoble 🔍 ⋮ UTILITIES BROWSING Reports **Customer country** ⑦ Customer country ? france 🔍 ⋮
	Then you'll be asked some information about licenses : - The number total of badges (All sessions) - The number of transactional badges (ERPTRAN) - The session control (Named or Concurrent) Refer to point **9** for an explanation on how to retrieve these values.	**Named or Concurrent Users license** ⑦ [OK] Named (N) or Concurrent (C) ? n 🔍 ⋮ UTILITIES BROWSING Reports HELP **Number of badges (All sessions)** ⑦ [OK] Number of All sessions badges? 85 🔍 ⋮ UTILITIES BROWSING Reports **Number of transactional badges** ⑦ Number of ERPTRAN badges ? 5 🔍 ⋮ UTILITI BROWS Repo HELP DIAGN

6	A trace file will be displayed. Check the information and close the trace. A confirmation will be asked. Choose Yes and the analysis will proceed. Choose No and you will restart and input again the information needed	**Log Reading F35469** 02/04/22 10:23:25 (ADMIN) Xtech-Analyzer 1 Folder : SEED 2 Partner : xtec 3 DB Change : N 4 Multi-folder : Y 5 Number of additional folders : 2 6 7 Normal end of log file 02/04/22 10:23:25 8 02/04/22 10:31:36 (ADMIN) Xtech-Analyzer 1 Folder : SEED 2 Partner : Xtec 3 DB Change : N 4 Multi-folder : N 5 Number of additional folders : 0 6 Customer : vercors lait 7 Customer City : GRENOBLE 8 Customer Country : FRANCE 9 Licence Type : Named 10 Total number of badges (All sessions) : 85 11 Transactional badges (ERPTRAN) : 5 12 **? Question**　　× Do you validate the values given ? [Yes]　[No]
7	**Process execution** Information will be displayed informing on the progress	**Analysis of Production folder : SEED** ? Operation in progress Please wait . . . Customization coeff. calculation Tables analysis **Analysis of Production folder : SEED** ? **Operation in progress** **Please wait . . .** Data analysis

8	After a few minutes you will obtain a trace file. Trace file name will be constructed with customer name (10 char max) and folder name. Copy this file using the copy button in the Log Reading function. **Trace file must be saved as a (.tra) or a (.txt) file**, not another format.	**Log Reading VERCORSLAI_SEED** 02/03/22 15:14:16 (ADMIN) Analysis of Production folder Page 1/2 1 Analysis of folder : SEED 2 Reference folder : X3 3 Date : 03/02/2022 4 Analyzer version : 070 -- V7.0-2022-02-01 5 Analyse type : Input -- V7.0-2022-02-01 6 7 --- 8 Dictionary analysis 9 -------------------- 10 Tables dictionary 11 ----------------- 12 Table AMOULIN2 Column INDICEM modified 13 Table PAYMENTH Index PYH5 modified 14 Table PJMTIMEMPH added 15 Table PREPINVOICE Column SOHNUM modified 16 Table PREPINVOICE Column SOPLIN modified VERCORSLAI_SEED.tra

9	Email trace(s) file(s) to info@x-techarts.com.
	You'll receive an answer with a quote for your project.
	If you are on a version V7, V8 or V9, or V11 and V12 without Syracuse connection, please add to your mail a copy of the relevant information of the license file.
	You retrieve them in Syracuse Administration
	
	Administration
	  Administration
	    Users
	      Users
	      Groups
	      Roles
	      Security profiles
	    Licenses
	      License data
	      Badges
	      License upload
	
	All > Administration > Administration > Licenses
	Licenses
	
			Valid	Partner ID	Product	Product code	IDDN number	Product version	Base product	

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⋮	✓		Sage X3 ⋮	1	IDDN.FR.001.120009.xxx.2016	12	N	| The relevant values are the one in yellow. **Available licenses** Information Badges Modules - Activity codes Languages - Le **Information** | Valid	Validity start date	Validity end date	L
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✓	1/7/2021	3/6/2022	N	 Product code Product version 1 12 Session control Serial number Named users Policy code Policy version ERPX3 1.0	

Badges

Session types

Title	Code	Maximum	Device
All sessions	all	45	desktop

Badges

Title	Code	Maximum	Functions
ADC(Distribution)	ADCDIS	0	
Operation User-CRM	ERPCRM	0	FUNAUTDLV FUNSNS FUNVENSPSI GESEXS GESPAY GESPRH GESPSH GESSDH GESSIH GESSLA GESSNL GESSOQ GESSOV GESSPP GESSQH GE
Developer	ERPDEV	10	APATCH APATCHA BUDAPP CPTQUIT FIYEND FUNAUTDLV FUNAUTINVC FUNAUTINVD FUNAUTINVO FUNAUTINVS FUNAUTINVT FUNCFMINV
Operation User-Distribution	ERPDIS	5	FUNAUTDLV FUNAUTINVC FUNAUTINVD FUNAUTINVO FUNAUTINVS FUNAUTINVT FUNCFMINV FUNPIH FUNSNS FUNVENSPSI GESBAP GESC
Operation User-Finance	ERPFIN	5	BUDAPP CPTQUIT FIYEND FUNPIH GESBIC GESBIS GESENV GESEXS GESFAS GESGAS GESLOF GESPAY GESPIH GESPSH LETTRAGE LETTRAUTO
Full User	ERPFULL	5	BUDAPP CPTQUIT FIYEND FUNAUTDLV FUNAUTINVC FUNAUTINVD FUNAUTINVO FUNAUTINVS FUNAUTINVT FUNCFMINV FUNMAUTR FUNP
Operation User-Manufacturing	ERPMAN	5	FUNMAUTR FUNSFTPOR GESEXS GESMFG GESMTK GESPOH GESPRH GESPSH GESROU GESSCO GESSMO GESSMR GESSMX GESSNL GESSOH
Op.Prod.Sched.Planner	ERPPSPLAN	5	FUNPSSCH
Op.Prod.sched.viewer	ERPPSVIEW	5	FUNPSVIEW
Transactional User	ERPTRAN	5	FUNSFTPOR GESEXS GESPSH PJMTE