EASYINPUT

PRODUCT PRESENTATION

Version 4.XX

**SNP** | The Data Transformation Company

Solution Summary

- EasyInput allows performing SAP transactions / functions on the base of data stored in MS Excel files.

- With one button click one can migrate from Excel to SAP thousands of master data records, postings or purchase order documents.

- EasyInput has also the functionality to read data from SAP transactions / functions/ OData services.

- EasyInput can replace the standard SAP migration framework (LSMW/ Migration Cockpit) and sometimes replace the SAP GUI/ NWBC/ Fiori itself.

What needs are addressed?

- The standard SAP data migration tools are not user friendly and require technical knowledge.

- Excel data is usually not connected directly with an SAP System (e.g. one can download report to MS Excel, or save excel data e.g. as a comma separated text file and than upload it to SAP).

- RESULTS: Although huge amount of data is stored and processed in MS Excel, there is no easy integration between Excel and SAP systems.
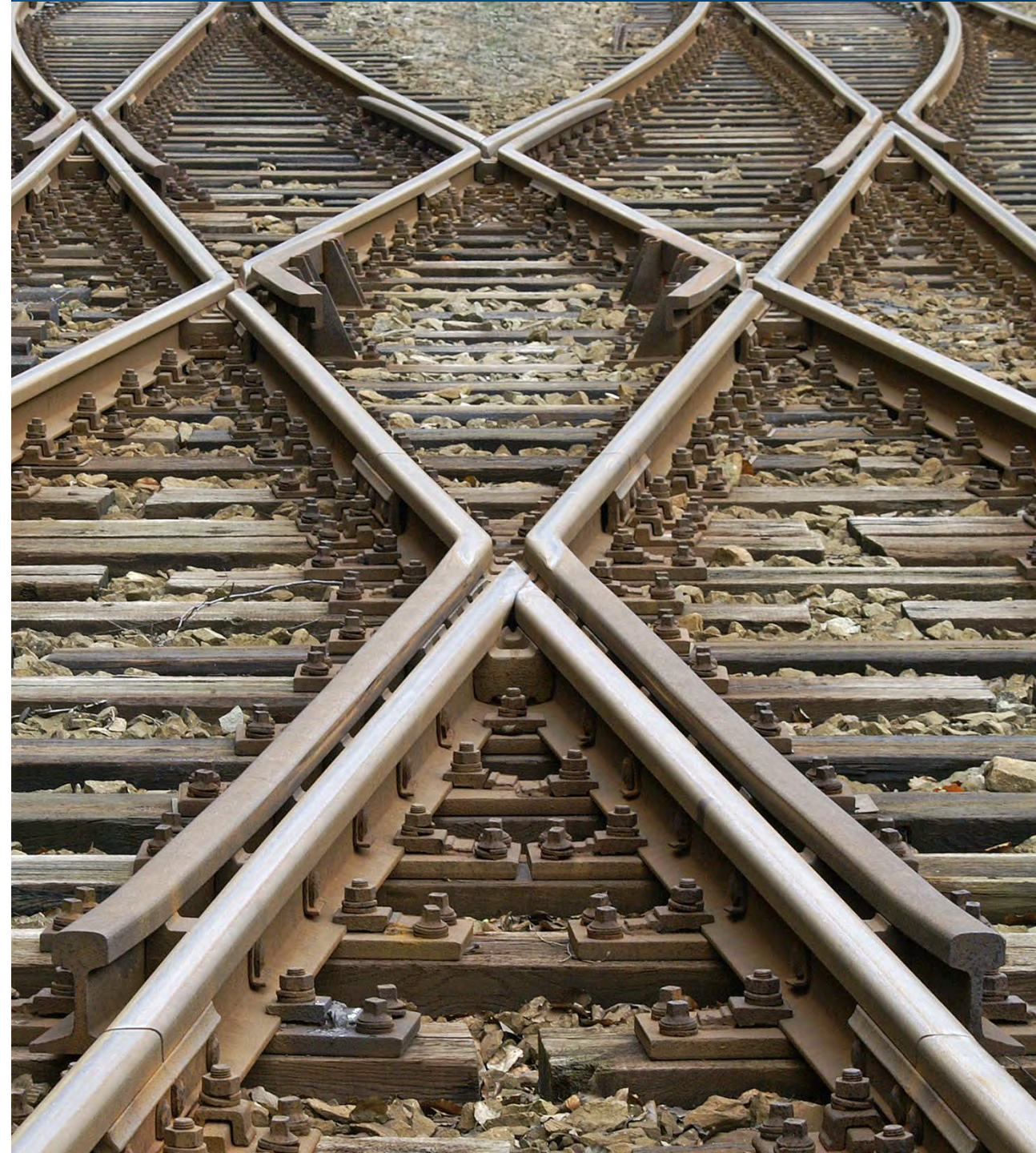
Problem Solution

- EasyInput facilitates data migration providing friendly interface for business users.

- EasyInput allows processing remotely, from MS Excel, SAP transactions or predefined Business Functions.

- EasyInput breaks the barrier between MS Excel and an SAP system and allows on-line connection.

Our proposal: The use of the universal, ready-to-use solution, developed by SNP, with customizable and user-friendly interface

EasyInput Features

- User friendly interface to upload/download data to/form an SAP system (ERP/ CRM/ SRM/ etc.) using remote SAP transaction processing (batch input/ SAP GUI script) or remote function/service calls (RFC/OData) directly from MS Excel

- Intuitive and robust user interface to record transaction scripts or import function/service interfaces and prepare automatically the structure of the Excel file for data exchange with SAP.

- Multilanguage support (English/ German/ Polish version delivered, the user can prepare translation to other languages)

- On-line help in English and Polish delivered

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EasyInput Features

- Possibility to work with complex SAP transactions in various technical modes (SAP GUI Scripting, Batch Input, CAT)

- Possibility to use methods of predefined by SAP in Business API (BAPI), remotely accessible function modules and Open Data Protocol (OData) services

- Possibility to use MS Excel formulas to create conditions used in script

- Automatic data recognition (header/ line items) based on the easily defined script rules

- Automatic data processing (loops over line items) based on simple script level assignments (without any coding)

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EasyInput Features

- To upload data the user does not have to change anything on the SAP system side. All the preparation are done with the MS Excel based EasyInput tool. No settings transporting required.

- The tool has it's trial version, that allows checking it's functionality for a limited time period.

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Possible Usage Options of EasyInput

- Data migration (master data, transaction data, configuration) from MS Excel to an SAP system

- Easy remote transaction processing (using MS Excel interface instead of SAP GUI system/ Fiori)

- Retrieving SAP data into MS Excel (e.g. to process it later in MS Excel)

- SAP reporting via MS Excel

Najczęstsze zastosowania - obszary

- **Financials**
  - Master data maintenance (Account, Cost Center, Order, etc.)
  - Creation of financial documents (np. FB50, F-02)
  - Statistical key figures entry
- **Logistics**
  - Material maintenance (MM01, MM02, MM03, ME12)
  - Vendor maintenance (XK01, XK02)
  - Purchase requests/ orders (BAPI)
  - Customer master data (XD01, XD02)
  - Conditions maintenance (VK15, VK12)
  - Price list change (MR21)
  - Sales order maintenance (VAXX)
- **Human Capital Management**
  - Employment, human capital actions (PA30/ PA40)
  - Organizational structure change (PA13)
- **Others**

EasyInput Overview

User friendly interface to exchange data with an SAP system (ERP/ CRM/ SRM/ etc.) using remote SAP transaction processing (batch input, SAP GUI scripting) or function call (BAPI, remote FM).

EasyInput Overview

Example of use – Posting in Financials
Data entry spreadsheet – one can enter many billing documents

EasyInput Overview

Example of use – Posting in Financials
Standard F4 value help integration

EasyInput Overview

Example of use – Posting in Financials
Standard F4 value help integration

EasyInput Overview

Example of use – Posting in Financials
User friendly interface with additional MS ribbon

EasyInput Overview

Example of use – Posting in Financials
Test mode with comprehensible error analyze

EasyInput Overview

Example of use – Posting in Financials
Actual mode with data backup, error messaging and doc. number retrieving

EasyInput Overview

Example of use – Posting in Financials
All documents processing, only new documents processing or only those that were not correctly processed last time (errors)

EasyInput Overview

Example of use – possibility to provide data in machine format (headers/ line items on separate sheets) and in human format (line items below headers)

EasyInput Overview

Example of use – formatted worksheet to enter one financial document. Possibility to use MS Excel formatting to create even more user friendly EasyInput workbooks.

EasyInput Overview

Example of use – VBA macro integration (Visual Basic for Applications)
EasyInput has it's programmatic interface (API), allowing for using EasyInput scripts in
VBA macros.
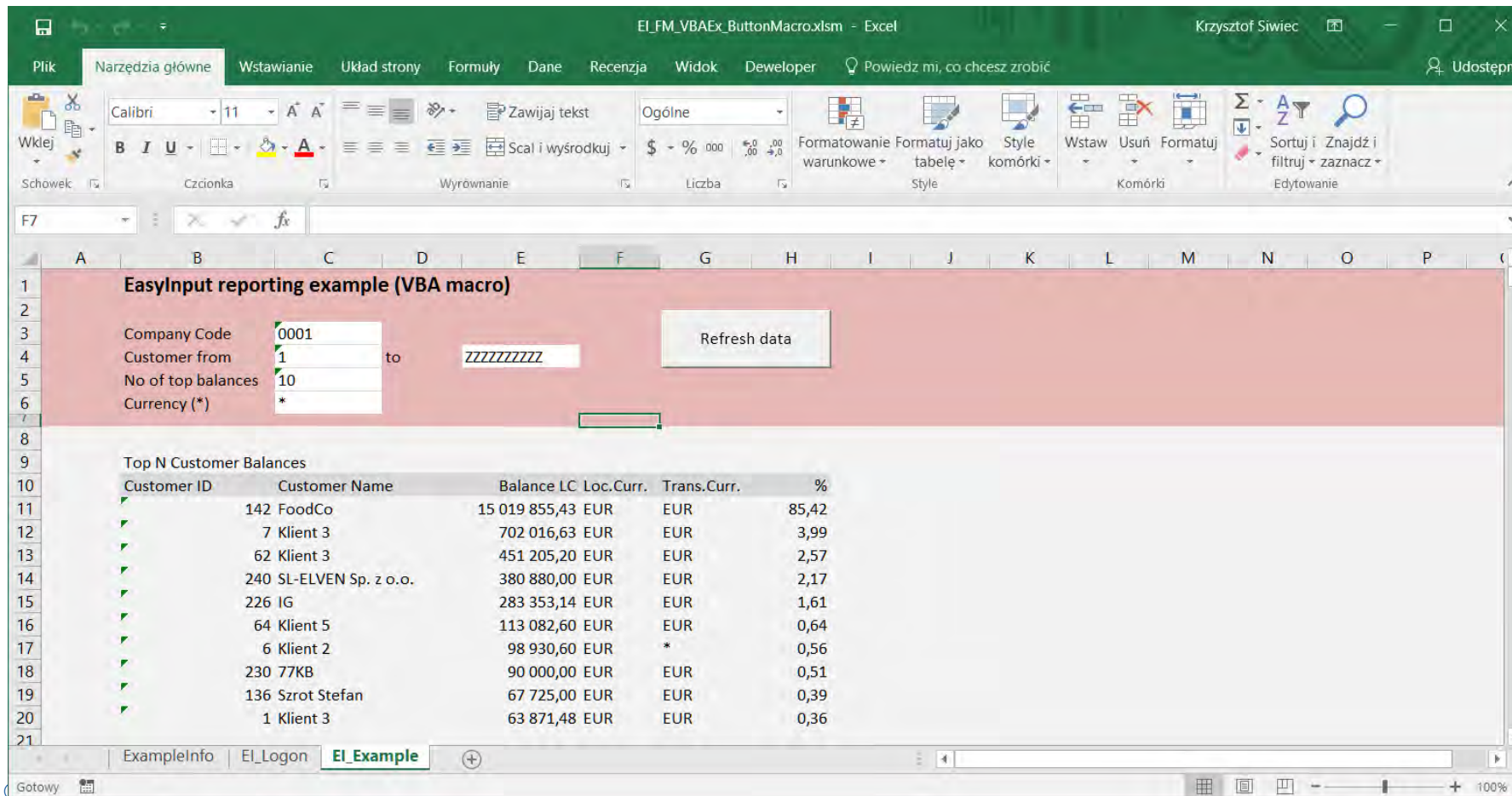
EasyInput Overview

Example of use – EasyInput can read data from any SAP table or database view (authorizations needed)

EasyInput Overview

Example of use – Financial Reporting add-on for EasyInput
EasyInput can be easily extended via SNP's add-ons or via custom VBA macros or modules

EasyInput Overview

Configuration based on scripts recorded directly in EasyInput workbook or created automatically for BAPI methods
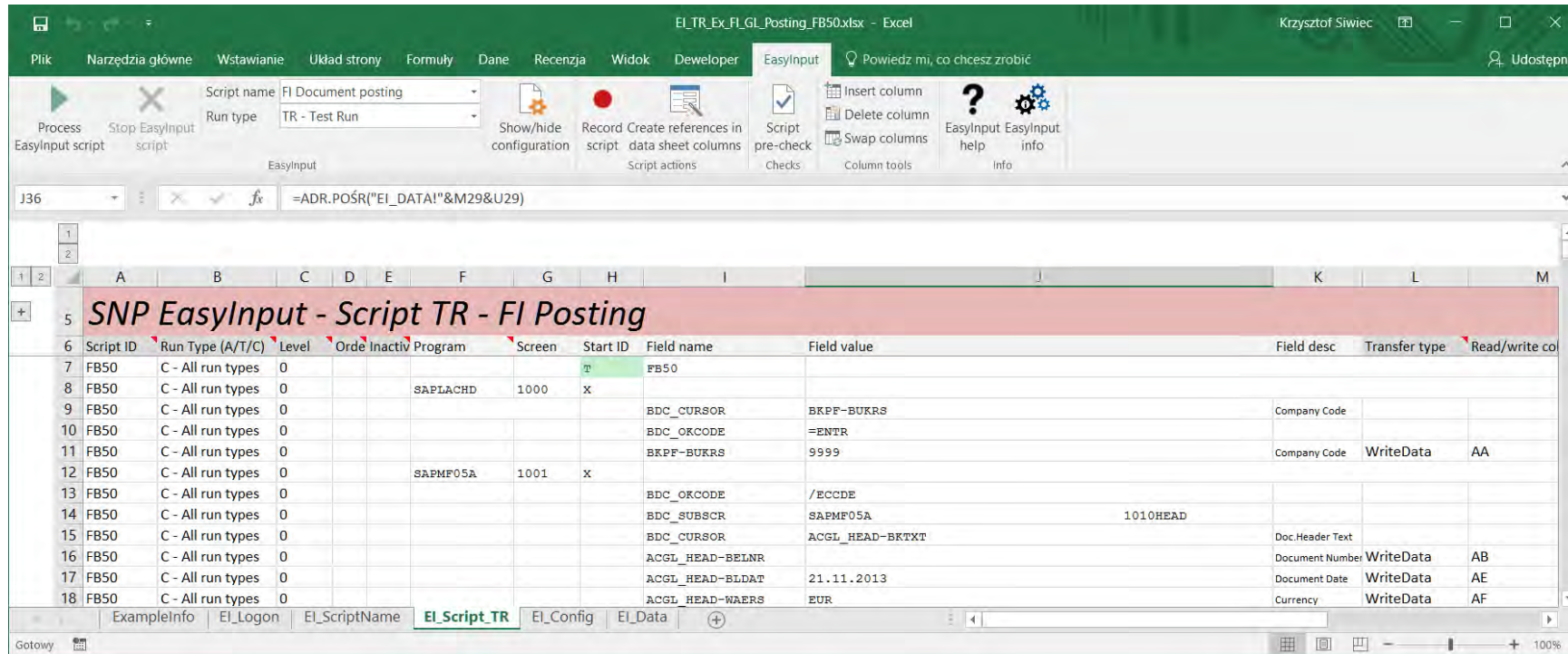
User friendly ribbon, to perform main EasyInput actions
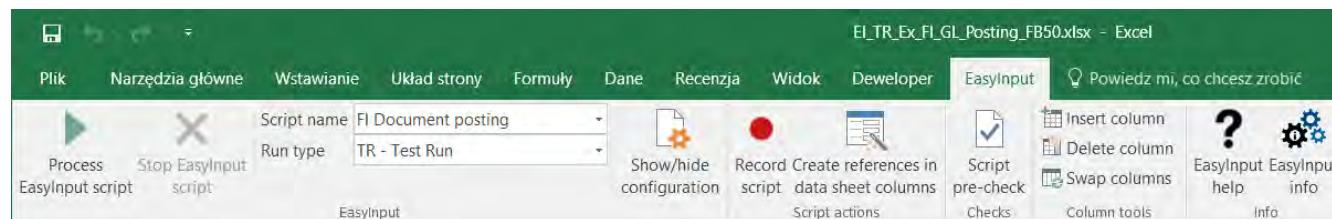
EasyInput Overview

Additional configuration settings are performed on a separate worksheet.

A screenshot of Excel (EI_TR_Ex_FI_GL_Posting_FB50.xlsx) showing the EasyInput ribbon tab with Script name "FI Document posting" and Run type "TR - Test Run". The active cell C21 contains "FI Posting". The worksheet "EI_Config" is selected.

	A	B	C
5	**SNP EasyInput - Configuration - FI Posting**		
21	EI_C_NAME	EasyInputName	FI Posting
22	EI_C_DS_ID	DataSheet	EI_Data
23	EI_C_DS_START	DataStartRow	10
24	EI_C_DS_END	DataEndRow (optional)	
25	EI_C_PREV_DOUBLE	PreventDoublePosting	X
26	EI_C_STOP_ON_ERROR	StopOnFirstErrorResult	
27	EI_C_BACKUP_BEFORE	MakeDataBackupBefore	N - Do not backup data
28	EI_C_BACKUP_AFTER	MakeDataBackupAfter	N - Do not backup data
29	EI_C_DEBUG_DET_MESG	DebugModeDetailedMessages	
30	EI_C_SKIP_IND	SkipFieldIndicator	
31	EI_C_SKIP_DELTA	Delta - do not pass Skip Field values	X
32	EI_C_WAIT_TIME	WaitTimeAfterTransaction [ms]	0
33	EI_C_SUBLEVEL_REQUIRED	SublevelRequired	
34	EI_C_SAP_GUI_USE	UseSAPGUI	
35	EI_C_LOOP_BACK	LoopBackwards	X
36	EI_C_AUTO_LEVEL_ORDER	AutomaticLevelOrderInDataSheet	X
37	EI_C_MESSAGE_TYPES_PRE	MessageTypesPresented (* = ALL)	*
38	EI_C_MESSAGE_VALUE_RE	ReadValueFromMessage (ID-Nr-Param-Column)	F5-312-V1-AB
39	EI_C_TEST_MODE_PRESEN	TestModePresent	X
40	EI_C_RESULT_CHECK_STR	ResultCheckingString (E v S-Type[-Id][-Nr][E v S-Type[-Id][-Nr]])	E-E
41	EI_C_MESS_DEL_BUTTON	MessagesDeleteButton	
42	EI_C_DATA_DEL_BUTTON	DataAreaDeleteButton	
43	EI_C_SHOW_PROGRESS	ShowProgressWindow	
44	EI_C_DATASHEET_AUTO_S	AutoSwitchToDataSheet	H
45	EI_C_JOIN_DATA_SHEETS	ImportDataFromSeparateSheets	
46	EI_C_HIDE_RIBBON	HideEasyInputRibbonMenu	
47	EI_C_HIDE_RUN_TYPE	HideRunTypeSelection	
48	EI_C_CONFIG_PASS	ConfigurationPassword	
49	General settings		

Worksheet tabs: ExampleInfo | EI_Logon | EI_ScriptName | EI_Script_TR | **EI_Config** | EI_Data

EasyInput Overview

The product is delivered with embedded context-sensitive user's manual and there is also EasyInput website.

Using EasyInput Forum

One can access EasyInput forum via EasyInput Website:
https://www.snp-poland.com/en/offer/snp-easyinput/

The Forum contains:

- FAQs
- Release notes
- Tutorials & demonstrations
- Other info
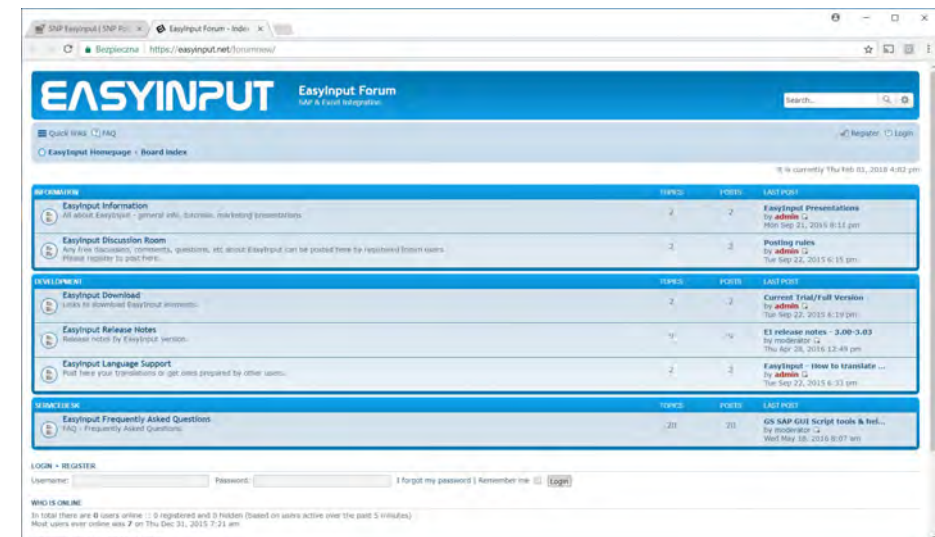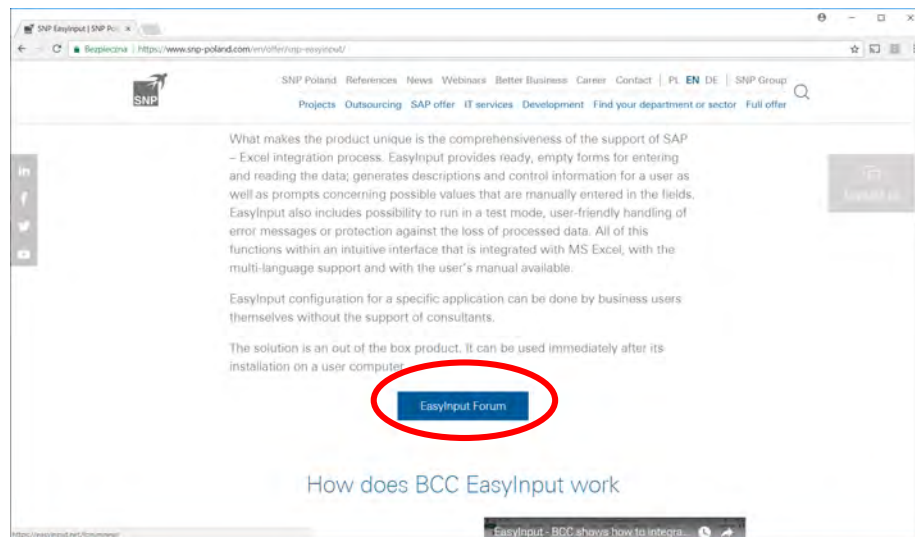
Constraints

- Some „Enjoy" transactions are difficult to record (ME51N as an example) but there usually exist BAPI/ OData services methods for such transactions

- SAP GUI and MS Excel installation on the user's computer is required

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Product Content

- The license to use EasyInput

- Transport request files to be imported by the administrators to client's SAP systems together with the installation instruction.
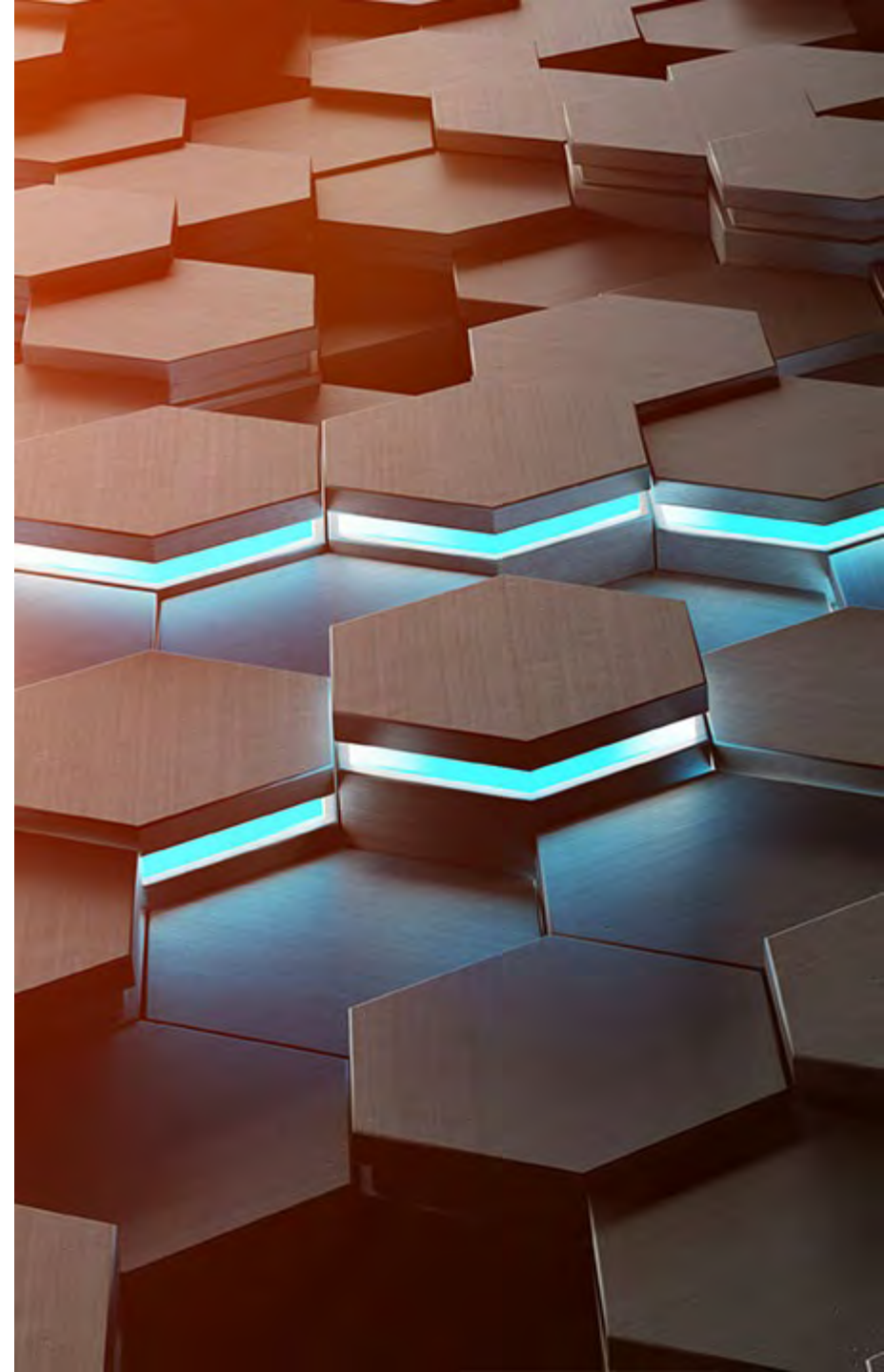
- User installation files (to be installed on the user computer) together with script examples (e.g.: FI document posting, purchase order creation, etc).

- Instructions
  - Administrator's manual
  - User's manual (embedded in the product)

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Business Benefits

- EasyInput allows **quicker and error safer data migration** (errors are directly assigned to the wrong data, much simpler operation than standard LSMW SAP GUI tool).

- EasyInput has intuitive interface for **remote batch transaction/ function processing** (gathering data in MS Excel and processing mass data from time to time). It can both **write and read data** to/from an SAP system.

- EasyInput is created **for business users and does not require programming skills** to configure new EasyInput interfaces.

- EasyInput is a **ready-to-use** product which can bring benefits at once after installing it.

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Technical information

- You can start using the product just after the installation.

- From the technical point of view, the product consist of two parts:

  - an SAP system extension written in ABAP language (optional use).

  - an MS Excel add-on and MS Excel templates.

- EasyInput is designed for SAP ERP system version 6.00 or higher, MS Excel 2013 or higher and Windows Vista or higher.

- Users can have develop/execute or only execute authorizations, the scope of allowed execution is limited by SAP authorizations.

- Some functionalities require SAP GUI to be installed on user's workstation. .
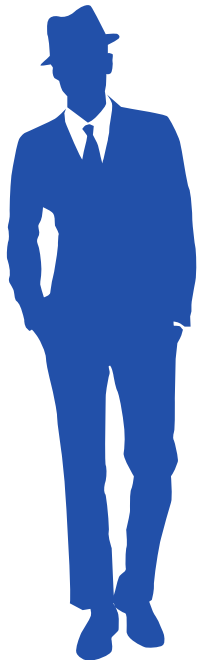
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Dziękujemy / Thank you

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