



Beas Manufacturing 2025.02

Release Notes

03/03/2025



Highlights

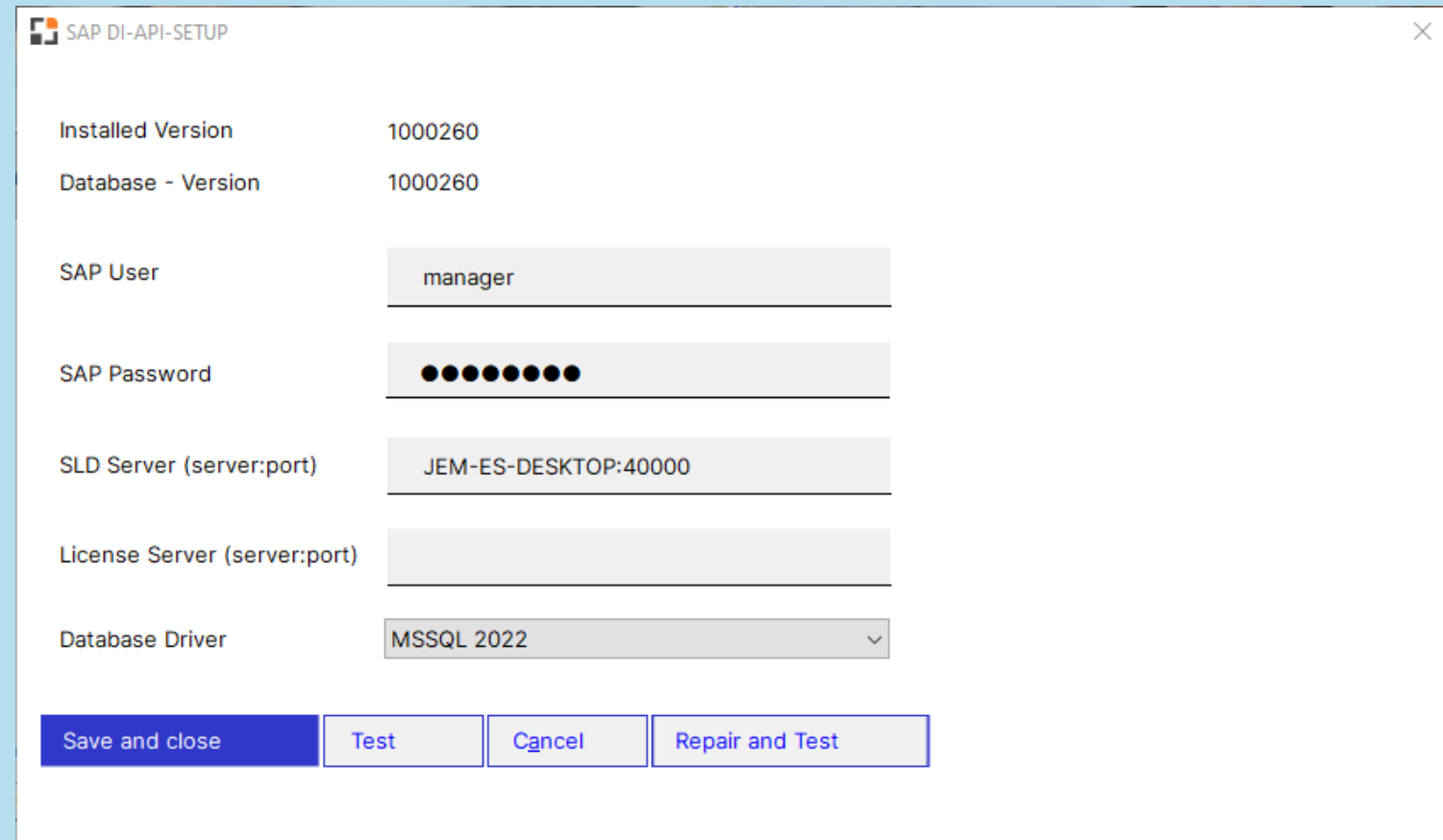
- **SQL Server 2022 support**
- **BoM Change process - performance improvement**
- **Debu2file option improvement**
- **WO structure collapsing time is reduced significantly**
- **Beas now supports standard connection DI API to SAP**
- **Beas Manage Server screen improvement**
- **Change current connection from ODBC to MSSQL OLE DB**
- **Documentation intro page opening improvement**
- **Key navigation improvement in Drop-down fields**
- **Bar code generation for a high number of operations at WO creation - performance improvement**

System

SQL Server 2022 support

NEW FUNCTIONALITY:
Support to 2022 SQL Server

Now Beas supports SQL Server
2022



The screenshot shows the 'SAP DI-API-SETUP' dialog box with the following fields and values:

Field	Value
Installed Version	1000260
Database - Version	1000260
SAP User	manager
SAP Password	••••••••
SLD Server (server:port)	JEM-ES-DESKTOP:40000
License Server (server:port)	
Database Driver	MSSQL 2022

At the bottom, there are four buttons: 'Save and close' (highlighted in blue), 'Test', 'Cancel', and 'Repair and Test'.

System

BoM Change process - performance improvement

BEFORE:

When there was a large BoM for an Item, it took a long time to save the changes in some lines of the grid view.

NEW:

The saving process is now improved, and normally you should not recognize a big delay in the saving process anymore.

Item master data for FP_MASS_DATA

Master Data		Bill of Materials	Routing	Configurator	Quality control			
#	...	Position	Pos ID	UoM	Item	I-Version	Match code	Description
1432		14320	14320	Pcs	RM_B			Raw Mater
1433		14330	14330	Pcs	RM_B			Raw Mater
1434		14340	14340	Pcs	RM_B			Raw Mater
1435		14350	14350	Pcs	RM_B			Raw Mater
1436		14360	14360	Pcs	RM_B			Raw Mater
1437		14370	14370	Pcs	RM_B			Raw Mater
1438		14380	14380	Pcs	RM_S			Raw Mater
1439		14390	14390	Pcs	RM_B			Raw Mater
1440		14400	14400	Pcs	RM_B			Raw Mater
1441		14410	14410	Pcs	RM_B			Raw Mater
1442		14420	14420	Pcs	RM_B			Raw Mater
1443		14430	14430	Pcs	RM_B			Raw Mater
1444		14440	14440	Pcs	RM_B			Raw Mater
1445		14450	14450	Pcs	RM_B			Raw Mater
1446		14460	14460	Pcs	RM_B			Raw Mater
1447		14470	14470	Pcs	RM_B			Raw Mater
1448		14480	14480	Pcs	RM_B			Raw Mater
1449		14490	14490	Pcs	RM_B			Raw Mater
1450		14500	14500	Pcs	RM_B			Raw Mater
1451		14510	14510	Pcs	RM_B			Raw Mater

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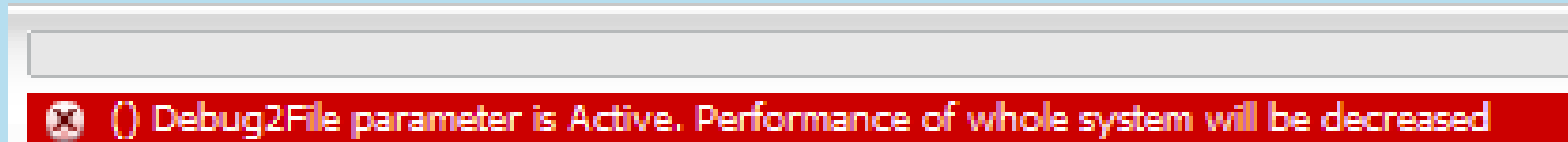
Update Cancel Open

Window: artikel_stlpos_browse.psr

System

Debu2file option improvement

NEW FUNCTIONALITY: When the parameter "Debug2File" is active in the beas.ini upon Beas startup, the nos displays the following status bar message:



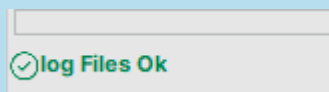
With this new parameter you can easily identify if the customer is running Beas with this parameter ON, because the performance of the system will be affected.

System

Beas Manage Server screen improvement

NEW FUNCTIONALITY: The "Beas Manage Server" underwent the following improvements:

- The system only loads the last 100 lines for each log file. Before this improvement, with large log files, the system took long time to open the screen.
- Now Beas displays messages with the loading status in the status bar. In this way, we can detect if the system is loading any debug files or if the process is already finished.



- The refresh log process is increased from 3 seconds to 30 seconds to avoid an infinite refreshing problem.

Beas Manage Server [Version: 2025.02.00.00 SBO: 1000260 for MSSQL | 0090288900]

#	Status	Name	Last Check	Service	Start	Restart	Stop	Close	Debug
1	Stopped	beasService	21.11.2024 17:29	beasService					
2	Stopped	beasService1	21.11.2024 17:29	beasService1					
3	Running	beasService10	21.11.2024 17:29	beasService10					
4	Stopped	beasService11	21.11.2024 17:29	beasService11					

Status	Date	Entryid
System Info	Available Windows-Network-IP: 0.88.19.17	
System Info	Available Windows-Network-IP: 192.168.0.105	
System Info	Available Windows-Network-IP:	

Server: beasService Type: WEB Application V

Services

Common Interface Configurator

Planned Activities BSL Service

WEB Application Server ☒ Web Server Port

Database

Server: JEM-ES-DESKTOP

Database: SBO_DEVELOPMENT

User: sa Service Password

Password: *****

Trusted Connection ☐

Current Database

Check SQL-Server ☐

Debug to file ☐

Protocol Directory: E:\Borra\

Project Directory: e\beas

Keep Alive

Active ☒

Log in Event Viewer ☒

Url To Check: http://192.168.0.105:8081/beasweb/

OK Cancel Start Server Local Protocol Development Program groups

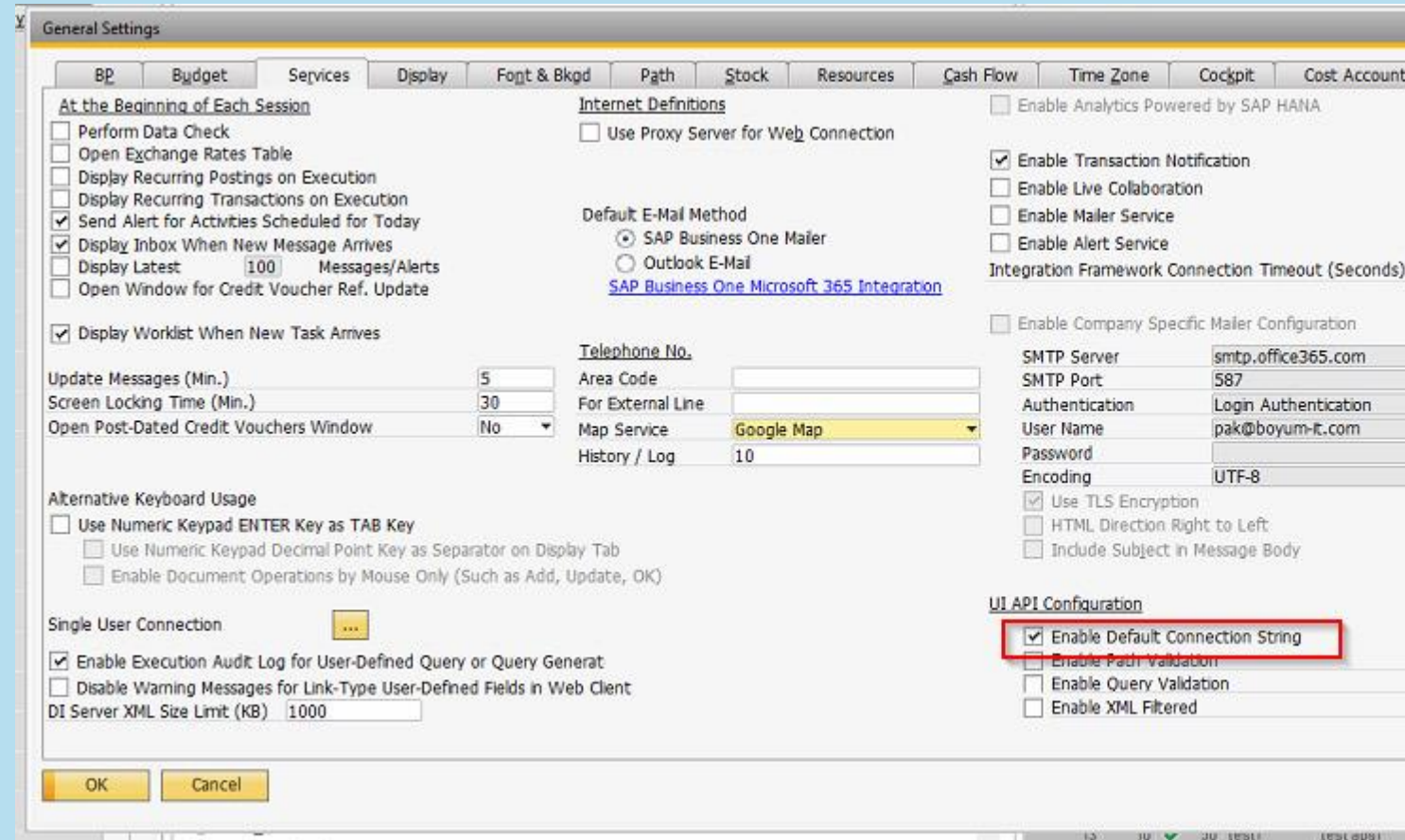
Window: system_server_admin.psr

System Initialization

Beas now supports standard connection DI API to SAP

BEFORE FIXING: The SAP parameter "Enable Default Connection String" generated problems, as it was mandatory to be active.

NEW: Beas now supports standard connection DI API to SAP without an active "Enable Default connection String" flag.



Window: *beasgui_sbo.psr*

System Initialization

Change current connection from ODBC to MSSQL OLE DB

NEW FUNCTIONALITY: The connection to the database has been upgraded to a new driver in combination with the upgrade of the development tool.

NOTE: This improvement only affects SQL Server Installations

With this new improvement, we have the following results in an analysis of different operations in Beas:

The comparisons were made between the 2024.11 and 2025.02 versions in the same Demo Database.

1.- MRP Execution (Result of 1.300 Lines Aprox.)

Old: 60 Sec.

New: 47 Sec.

2.- Create 3 WO in background With 100 BOM

Old: 57 Sec.

New: 39 Sec.

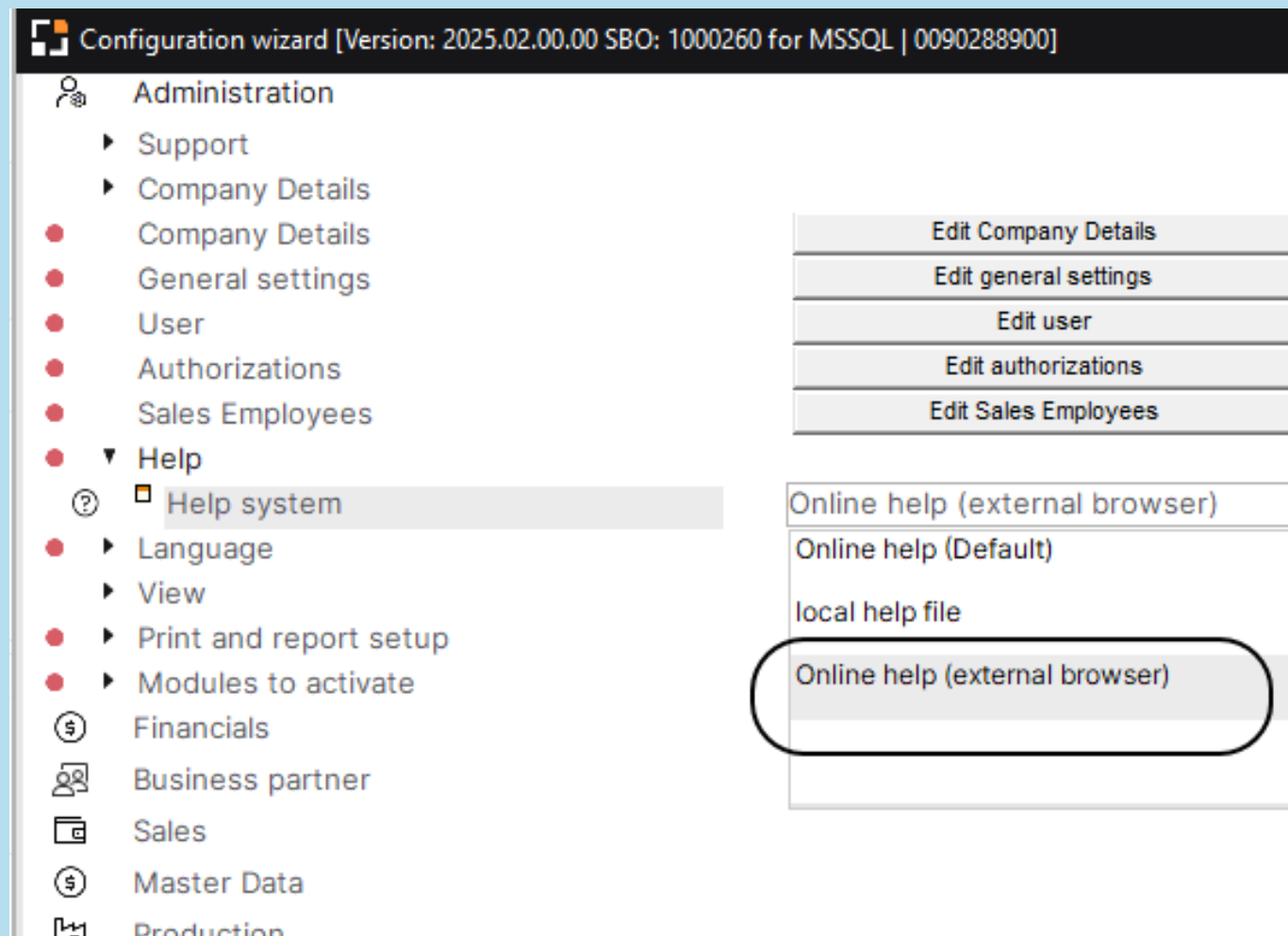
System Initialization

Documentation intro page opening improvement

NEW: In Beas there is a new option to configure how the documentation is opened in the system.

The option "Online help (External browser)" is available to open the documentation outside of Beas. The system sends the link of the specific topic to the web page to open and then the default browser of the system will open the link.

In this way, customers now have the possibility to apply the "Translation" functionality of browsers like Google Chrome that have the feature to convert the opened page into any language. Now the customers can read the documentation in their own language.



Usability

Key navigation improvement in Drop-down fields

NEW: The navigation with keyboard inside drop-down fields is improved.

Page Up and Page Down keys:

In the past, a keypress on Page Up / Down always scrolled 6 rows, independent of how many rows were displayed in the drop-down.

Now, a key press will always scroll one page up/down.

This means e.g. for page down it will show the list from the first row that is not displayed in the list presently.

Item master data for FP

Master Data | Bill of Materials | Routing | Configurator | Quality control

Item number: FP I-Version: Warehouse item: ☒
 Description: Finished Product / Normal Sales item: ☒
 Desc. in foreign lan: Purchased part: ☒
 Item type: Item Fixed assets: ☐
 Item group: Items Barcode:
 UoM Group: Manual

General | Purchasing data | Sales data | Inventory data | Planning data | Calculation | Properties | Remarks | Attachments | Parameters

VAT binding: ☒ **Manufacturing data**

Match code: Procurement Method: Make ITEM-UDF1
 DIN: Breakdown: Order related ITEM-UDF2
 Drawing no.: Administration: Default
 Manufacturer: - No Manufacturer - Production UoM: Pcs
 Additional identifier: Spec.Weight: 0,000000
 Raw material: Lot size / production: 0,0 (Pcs) Inventory I:
 Employee: e method: Backflushing
 Material Group: p (%):
 Cost Center: p Table:
 Item Administrate by: Atom Item: ☐ Allocate ☐
☒ Active drawing document: ☐ Release Production ☒
☐ Inactive Time-To-Order: ☐
☐ Extended

OK Cancel

Production

WO structure collapsing time is reduced significantly

NEW: When collapsing the structure of a Work Order that has many lines, the speed of the collapsing process is reduced to "almost not measurable".

Work Orders

Work Orders		Work Orders List		Assembly		
top down sort						
Document	Sales Order		Date	Customer Name	From	To
▼ 1000828	178		18.12.2024	.WH	18.12.2024	18.12.2024
▼ 10	TFS-139449-OR-DIV-VAR		TFS-139449 Main Order related w		18.12.2024	18.12.2024
20	TFS-139449-SUB-1		TFS-139449 Sub 1 Order no breal		18.12.2024	18.12.2024
30	TFS-139449-SUB-1 (B)		TFS-139449 Sub 1 Order no breal		18.12.2024	18.12.2024
40	TFS-139449-SUB-3		TFS-139449 Sub 3 Stock always t		18.12.2024	18.12.2024
▶ 1000818	165		17.12.2024	.WH	17.12.2024	17.12.2024
▶ 1000817	164		17.12.2024	.WH	17.12.2024	17.12.2024

Window: fert_struktur_browse.psr

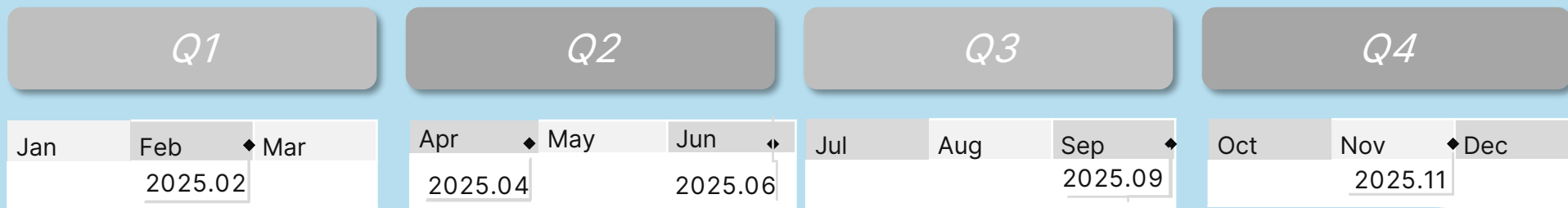
Production

Bar code generation for a high number of operations at WO creation - performance improvement

NEW FUNTIONALITY: The function to generate bar codes for each operation at WO creation has been improved.

This improvement mainly affects WOs with a high number of operations in the structure list.

2025 Planned releases



This is the current state of planning and may be changed by Boyum IT Solutions at any time.



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- Boyum IT Solutions Spain S.L.

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- Budapest Development Center

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