
	TEMPO ZERO SMARTPRINT		
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Tempo Zero SmartPrint


Tempo Zero SmartPrint for Microsoft Dynamics 365 Business Central is the module for the management of all the customized print layouts produced in the company, for example invoices, orders, offers, etc..

What are the strengths of SmartPrint?

- Quick and easy printing layout customization;
- reduction of migration costs;
- optimisation of development costs.

FEATURES

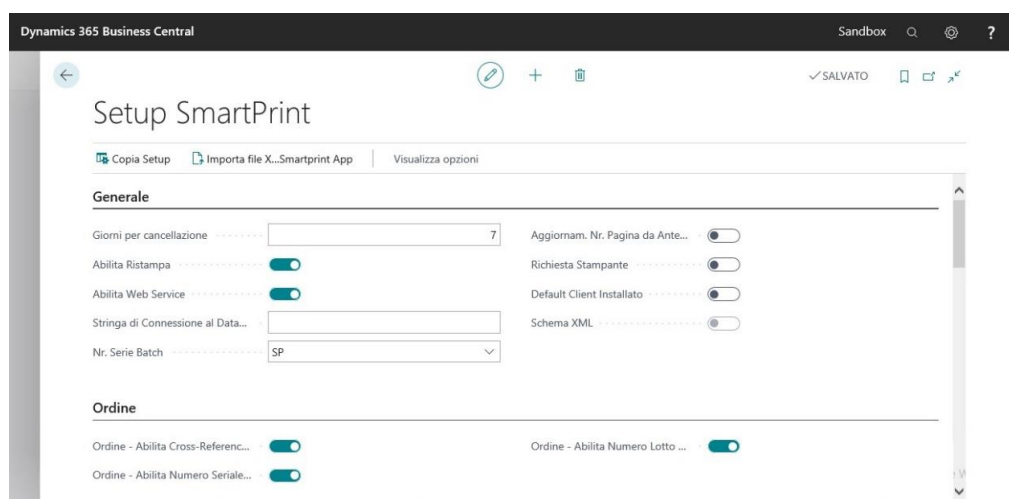
- **Integration with Microsoft Dynamics 365 Business Central:** it is done through special tables where the data to be printed are stored by using a special codeunit that includes all the code related to the common functions of report management;
- **data flow selection:** the selection of the data flow to be processed (already included in the appropriate tables) is made on the basis of the Company, the generation number ("Batch No.") and, if necessary, the document number ("Entry No.");
- **available features:** the features available to the user are the print preview (with the possibility to print the document, export it in different formats, send it by email, etc..), the automatic creation of a file in pdf format and the editing of the layout of the report itself (if the user is enabled);
- **document reprinting:** the reprint feature allows you to reprint previously processed documents at a later time, without necessarily having to re-process the documents themselves: this allows you to get the same result in output, at a distance of hours / days, using the latest available layout;
- **client version:** the application that manages the preview and other features, described above, is installed on each user's workstation;
- **operations in web environment or app:** in case of running Microsoft Dynamics 365 Business Central on web client or mobile app, you can enable direct printing on network printer or download the print in pdf format;
- **report layout:** the reports layout is stored in a special table that provides for the management of 6 levels (standard, group, company, profile, user, company/user). The application allows to verify the presence of the required reports starting from the lowest level (company/user). In case of lack of the searched report, it is searched in the upper level. In the standard level, the report must of course always be present, while in the other levels it is optional;

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- **layout editing:** the end-user or the application consultant can edit the layout of the single report; the feature is managed by the apposite setup that allows to indicate which users are enabled to the feature itself;
- **customized layouts:** customer-specific layouts can be kept separate from the standard, by using the levels described above, so customer-specific layouts should be at the "group" level;
- **security management:** it provides special setup tables to define whether or not the user is enabled to modify the report layout, whether or not the user is an administrator, whether or not the user can reprint the documents.

Tempo Zero SmartPrint – Configuration

Go to the "Smartprint Setup" page



The fields in the setup are:

- number of days of data storage before automatic deletion
- general enabling to "reprint documents" feature
- web services enablement
- Microsoft Dynamics 365 Business Central database connection string: for the connection by Smartprint programs in case of On-Premises installation (e.g.: **"Provider=SQLOLEDB.1;Password=XXX;Persist Security Info=True;User ID=report;Initial Catalog=DBname;Data Source=DBname"**, where the "Data Source" and "Initial Catalog" values are to be modified)
- serial numbers for the unique numbering of print batches
- switch to update the page numbers of registers and Ledger Entry Journal
- "printer request enabling" switch
- switch to indicate whether the Windows client is installed by default or not
- "print features enabling" switch for several document types (cross-reference item, serial number item, lot number item, etc.).



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Setup SmartPrint

Copia Setup Importa file X...Smartprint App Visualizza opzioni

Ordine

Ordine - Abilita Cross-Referenc... ☒ Ordine - Abilita Numero Lotto ... ☒

Ordine - Abilita Numero Seriale... ☒

Spedizione Whse

Spedizione Whse - Abilita Cros... ☐ Spedizione Whse - Abilita Num... ☐

Spedizione Whse - Abilita Num... ☐

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Fattura

Fattura - Abilita Cross-Referenc... ☒ Fattura - Abilita Numero Lotto ... ☒

Fattura - Abilita Numero Serial... ☒

Nota Credito

Nota Credito - Abilita Cross-Re... ☒ Nota Credito - Abilita Numero ... ☒

Npta Credito - Abilita Numero ... ☒

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Copia Setup Importa file X...Smartprint App Visualizza opzioni

Ordine Acquisto

Ordine Acquisto - Abilita Cross-Reference Articolo ☐

Fattura Acquisto


Fattura Acquisto - Abilita Cross... ☐ Fattura Acquisto - Abilita Num... ☐

Fattura Acquisto - Abilita Num... ☐

Reso spedizione

Spediz. Reso Acquisto - Abilita ... ☐ Spediz. Reso Acquisto - Abilita ... ☐

Spediz. Reso Acquisto - Abilita ... ☐

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- Configuration of customer/vendor registration categories for the printing of the combined nomenclature of articles

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[Visualizza opzioni](#)

Ordine di Reso

Ordine Reso Acquisto - Abilita ... ☐ Ordine Reso Acquisto - Abilita ... ☐

Ordine Reso Acquisto - Abilita ... ☐

Cat. Reg. Intratee Clienti

Categoria Reg. Bus. Clienti 1 ESPORTAZ Categoria Reg. Bus. Clienti 3

Categoria Reg. Bus. Clienti 2

Cat. Reg. Intratee Fornitori

Categoria Reg. Bus. Fornitori 1 ESPORTAZ Categoria Reg. Bus. Fornitori 3

Categoria Reg. Bus. Fornitori 2

- To run the report setup, go to the "Smartprint Report Setup" page.

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SETUP REPORT SMARTPRINT | DATA DEL LAVORO: 01/04/2020

[Cerca](#)
[Nuovo](#)
[Modifica lista](#)
[Elimina](#)
[Elabora](#)
[Apri in Excel](#)
[Naviga](#)
[Meno opzioni](#)

Tipo Record	Società	Profilo	Utente	Nr. Report	Nome Report	Lay... preser	Ultima Data Modifica Layout	Immagine di Sfondo	Ultima Data Modifica Immagine	Nr. Rep Origin
Standard				18135911	Generic Report Template - SP	<input checked="" type="checkbox"/>	30/04/2020	+		
Standard				18135912	Elenco Movimenti Articoli - SP	<input checked="" type="checkbox"/>	29/04/2020	+		
Standard				18135913	Statistiche Vendita SP	<input type="checkbox"/>		+		
Standard				18135914	Vendite Cliente/Articolo SP	<input type="checkbox"/>		+		
Standard				18135915	Stampa Documenti - Fattura	<input type="checkbox"/>		+		
Standard				18135916	Stampa Documenti - Nota di C...	<input type="checkbox"/>		+		
Standard				18135917	Certifica Fornitori/Clienti/Artico...	<input type="checkbox"/>		+		
Standard				18135918	Stampa Document - Ordine	<input type="checkbox"/>		+		
Standard				18135919	Stampa Documento - Bolla Wh...	<input type="checkbox"/>		+		
Permessi			INGEST	0		<input type="checkbox"/>		+		
						<input type="checkbox"/>		+		

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Edit - SmartPrint Report Setup - x

localhost:8080/BC150/?bookmark=32%3bdsUAQCLAAAAAF7AAACewAAAAJ7AAAAIdnuxQB&page=18135927&company=LM-RTE-1-15-0-12&dc=0

Dynamics 365 Business Central

SMARTPRINT REPORT SETUP

✓ SAVED

Search New Edit List Delete Process Open in Excel Navigate Fewer options

Record Type	Last Layout Update Date	Backgro... Image	Last Image Update Date	Original Report No.	Original Report Name	Master Data Table	Reprint Requested	Print Data Delete	Administrator	Design Mode	Reprint Enabled
→ Standard		+		0		SmartPrint	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard	08/05/2020	+		0		Statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard		+		0		Statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard	11/05/2020	+		0		Statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard	11/05/2020	+		0		Document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard		+		0		Document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard		+		0		Statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard		+		0		Document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard		+		0		Document	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permission		+		0			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Permission		+		0			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		+					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14:52 22/05/2020

In the case of record type 9 (user permissions) the relevant data are as follows:

- **record type:** record type 9 (user permissions)
- **user:** the user code
- **data deletion:** the enabling of data deletion after the previously set deadline (Yes/No)
- **administrator:** the enabling the user to "report administration functions" (Yes/No)
- **enable editing:** the enabling the user to edit the layout during the preview phase (Yes/No)
- **enable reprint:** the enabling the user to reprint feature (Yes/No)
- **printer selection:** the enabling the client to request the printer
- **client installed:** it indicates whether the preview program is installed.

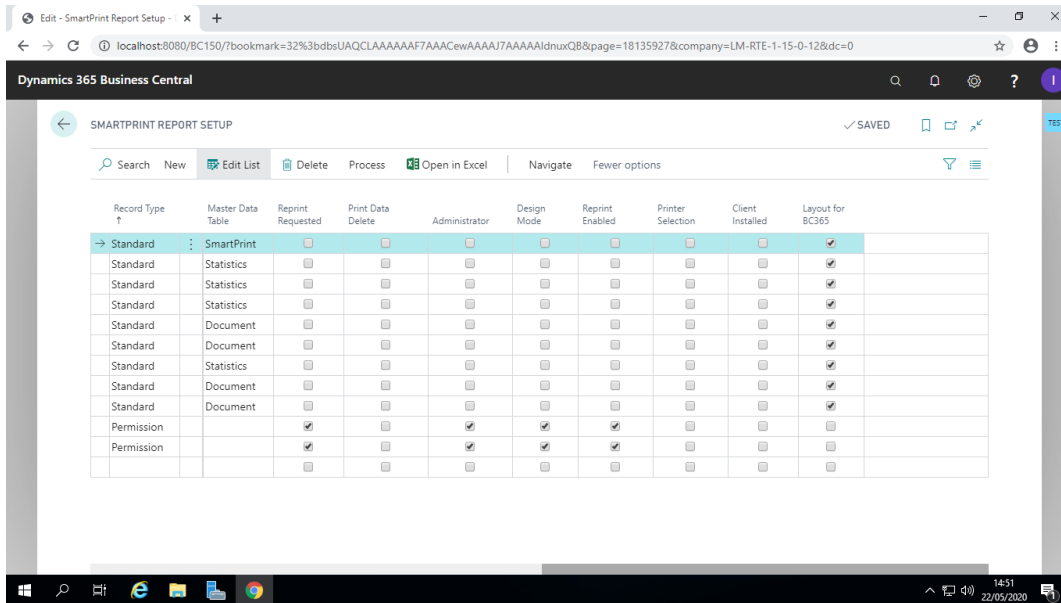


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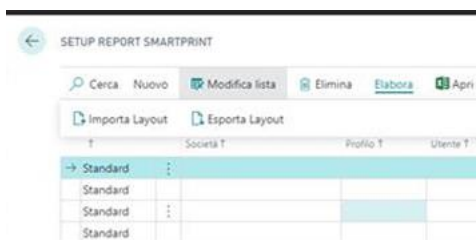
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"SmartPrint Report Setup" screen features

- Importa Layout > Layout Import
- Esporta Layout > Layout Export



These are the classic features that allow you to store or recover the single highlighted layout.

To facilitate the massive update or backup of customer data, the two features have been implemented.

Importing a layout

To import a new layout you must select the row of the record linked to the related report.



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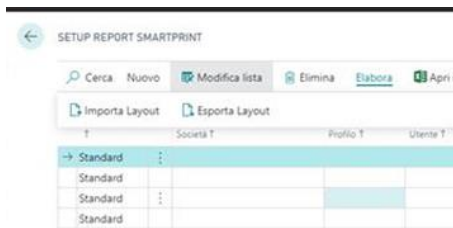
SETUP REPORT SMARTPRINT | DATA DEL LAVORO: 01/04/2020

✓ SALVATO

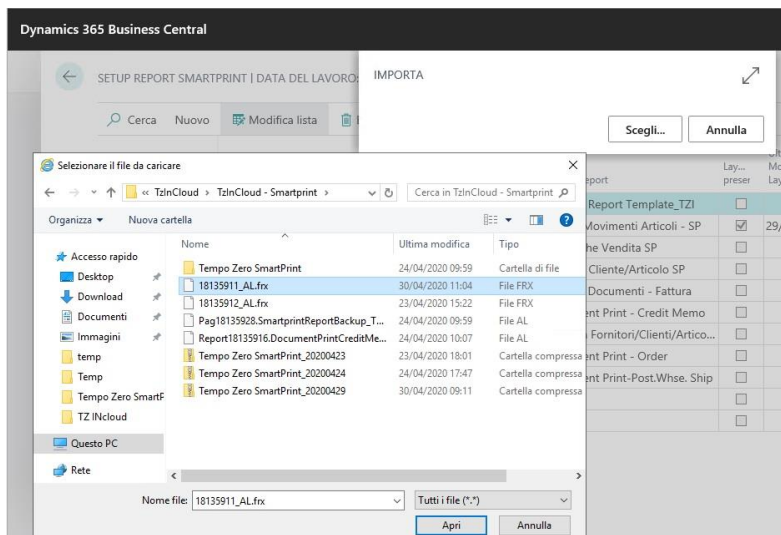
Cerca Nuovo Modifica lista Elimina Elabora Apri in Excel Naviga Meno opzioni

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Standard				18135913	Statistiche Vendita SP	<input type="checkbox"/>		+		
Standard				18135914	Vendite Cliente/Articolo SP	<input type="checkbox"/>		+		
Standard				18135915	Stampa Documenti - Fattura	<input type="checkbox"/>		+		
Standard				18135916	Stampa Documenti - Nota di C...	<input type="checkbox"/>		+		
Standard				18135917	Certifica Fornitori/Clienti/Artico...	<input type="checkbox"/>		+		
Standard				18135918	Stampa Document - Ordine	<input type="checkbox"/>		+		
Standard				18135919	Stampa Documento - Bolla Wh...	<input type="checkbox"/>		+		
Permessi			INGEST	0		<input type="checkbox"/>		+		

Select "IMPORTA LAYOUT" item



Select the layout file you are interested in; it normally has the extension .Frpx



Confirm. You will then receive a message confirming the successful import.

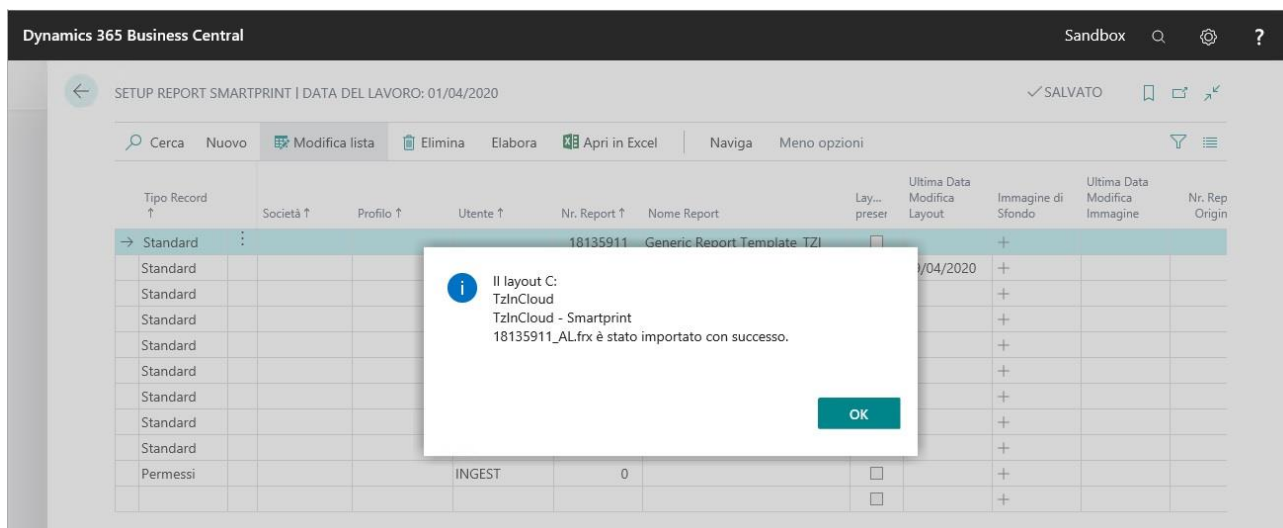


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Importing "Elenco report rilasciati" (e.g. "issued reports list")

The "Import/Export SP Report Setup" function exports the records from the "report setup" table.

Warning: it is necessary to run it as first task if you want to update an empty or obsolete DB that is not customized of the customer.