

Import Rooms from MS Excel

You can import rooms, room data structures, Room Properties, Groups and Room Data into dRofus from Excel by going to the Rooms Module Import /Export and choosing Import Rooms. This will open a window where you can choose an Excel file from your computer. Once you have done this, dRofus will automatically suggest the first row of data and check whether the program recognizes the column name which matches either with Room Properties, Group Names or Room Data fields in dRofus. This is only intended as a suggestion and must be double checked with the Excel spreadsheet before running the import. You must also check that the correct worksheet has been specified.

The Excel spreadsheet must have a specific structure to allow import. It is important that the number and name of functions and sub-functions are entered in different columns, although they do not have to be in a sorted sequence - if a level is repeated later in the document, dRofus will see if it is found and then make use of the existing one. It does not matter which columns contain data, but you have to specify this yourself in the import dialogue box. Only the columns specified for import will be read. Even if you have other information in the spreadsheet, it will not be read.

You can specify which rooms to import in two ways: If you have more than one room per row, you have to specify this in a separate column and cross off *number of rooms*. dRofus will then only import the rooms which have a number greater than or equal to 1. Rows with blank numbers or numbers less than 1 will be ignored. If you cross off for *number of rooms*, the import function will check the entry in the name column and then import the rows which do not have a blank/empty name.

An example of how this process works is provided in the illustration below.

A	B	C	D	E	F	G	H	I
Function Levels		Minimum Room Core Fields for Import			Add Additional Room Core Fields below			
Function Level (Number)	Function Level (Name)	Room Name:	Number of rooms:	Prog. Area	Level	Model	Phase	Security
01	Administration	Office, Tricare	1		97 First Floor			
		Open Office, Tricare	4		200			
		Patient Admin. Recept.	1		215			
		Rmo Analyst	1		323			

Import rooms

Choose file:

Sheet:

Start row (first row with data to read):

Department (Number)	<input checked="" type="checkbox"/> A	Example Custom Field	<input type="checkbox"/>	Phase	<input checked="" type="checkbox"/> H
Department (Name)	<input checked="" type="checkbox"/> B	User Room Number	<input type="checkbox"/>	Security	<input checked="" type="checkbox"/> I
Subdepartment (Number)	<input type="checkbox"/>	Additional Number:	<input type="checkbox"/>	RDS status	<input type="checkbox"/>
Subdepartment (Name)	<input type="checkbox"/>	Name on Drawing	<input type="checkbox"/>	Item list status - FF&E	<input type="checkbox"/>
Sub-Subdepartment (Number)	<input type="checkbox"/>	Prog. Area	<input checked="" type="checkbox"/> E	Item list status - Electrical	<input type="checkbox"/>
Sub-Subdepartment (Name)	<input type="checkbox"/>	Designed Area	<input type="checkbox"/>	Item list status - Doors and Windows	<input type="checkbox"/>
Sub-Sub-Subdepartment (Number)	<input type="checkbox"/>	Ceiling Height	<input type="checkbox"/>	Item list status - Mechanical	<input type="checkbox"/>
Sub-Sub-Subdepartment (Name)	<input type="checkbox"/>	Perimeter	<input type="checkbox"/>	Item list status - Finishes	<input type="checkbox"/>
Number of rooms:	<input checked="" type="checkbox"/> D	Wall Gross Area	<input type="checkbox"/>	Item list status - Equipment	<input type="checkbox"/>
Room Number:	<input type="checkbox"/>	Wall Net Area	<input type="checkbox"/>	Item list status - Walls	<input type="checkbox"/>
Room Name	<input checked="" type="checkbox"/> C	Note	<input type="checkbox"/>	Item list status - Autodesk	<input type="checkbox"/>
Room Name Description	<input type="checkbox"/>	Level	<input checked="" type="checkbox"/> F		
		Model	<input checked="" type="checkbox"/> G		

RDS (0 of 366 fields)

Map Excel Parameters to dRofus parameters, only the columns that are mapped will be imported

The end result in dRofus:

The screenshot shows the dRofus software interface. The top menu includes Home, Rooms, Items, Import/Export, BIM, and Log. The main window displays a list of rooms under the heading 'Rooms [01 - Administration]'. The table below shows the room data:

Room Fu...	Room Number	Room name and room des...	Progra...	Designed Area	RDS status	Finishes: Status	FF&E: Status	Electrical: Status	Doors and Win...	Mechanical: Sta...	Equip
01.005	1A05	Open Office, Tricare		200.00	96.87	Unique	Unique	Unique	Unique	Not created	Not c
01.002	1A02	Rmo Analyst		323.00	298.09	Unique	Unique	Unique	Not created	Not created	Not c
01.001	1A01	Patient Admin, Recept.		215.00	212.77	Unique	Unique	Unique	Unique	Not created	Not c
01.006	1A06	Open Office, Tricare		200.00	112.94	Unique	Not created	Derived from RT.017	Unique	Not created	Not c
01.004	1A04	Open Office, Tricare		200.00	102.74	Not created	Not created	From RT.017	Unique	Unique	Not created
01.003	1A03	Open Office, Tricare		200.00	95.52	From RT.017	Not created	Derived from RT.017	Unique	Unique	Not created
01.007	1A07	Office, Tricare		97.00	93.97	Unique	From RT.017	From RT.017	Unique	Not created	Not c

The 'Properties' window for 'Room 01.007 / 1A07 Office' is open, showing the following details:

- Name and Numbers:** Room Function #: 01.007, Room Name: Office, Room Name Description: Tricare, Room Number: 1A07.
- Status:** Process: 0 - Concept, Client Review Process: [dropdown], LOD: [dropdown].
- Areas and Measurements:** Programmed Area: 97.00, Programmed Gross Area: 97.00, Designed Area: 93.97, Ceiling Height: 8.39, Perimeter: 41.10, Wall Gross Area: 343.79, Wall Net Area: 304.10, Area End 2014: 0.00, Area End 2015: 0.00, Area End 2016: 0.00.
- Groups:** Climate Zone: Office, Level: First Floor, Model: [dropdown], Phase: [dropdown], Security: [dropdown], Validation: [dropdown].

The fields for Function level illustrated in his example in the *Import room* window may vary from project to project, depending on how many function levels are defined for the project and their names.

Click the Room Data button to import Room Data fields. This will open a dialogue box with all defined Room Data fields and you can choose which fields you want to import. The program tries automatically to match column name to Room Data fields. This will succeed if the column name is written in the following format: <tab name> - <group name> - <group element name> - <field name>. It is important here to check the Room Data tabs in dRofus to make sure that the text is entered correctly. For example, the column name "Description - Personal load - Persons, maximum" is mapped to the Description tab, the Personal load group and the Persons, maximum group element.