

Workshops

Module list

August 2011
Version 1.00

Modules

The modules are divided into three sections by their topics: *Basic*, *Advanced* and *Developer*. In principle, the personal workshop contents can be combined freely, although an advanced level of knowledge is helpful and also a prerequisite for some modules.

Of course, in addition to the modules listed, as part of a workshop other topics can also be coordinated in advance and taken into account in the schedule.

When timing the topics, a portion of the time is always allotted for practical exercises and discussing questions.

Basic

Name	Contents	Duration	Comment
Introduction*	Brief presentation of synetics, origin and background of i-doit Prospect of future development	0,5 hours	
Basic use	Presentation of the basic functions and the GUI of i-doit. How to create objects, what object types are, what categories are, which object types and categories there are. Introduction of all specific and global categories. Working with dialogue- field, dialogue+ fields and browsers. Which navigation options are there? How do I create users? What are workflows, what are check lists, what does the my-doit section indicate to me? How do dependencies work? Presentation of the modules available.	3 hours	This module is intended for all i-doit newcomers who have had little or no contact with the product. However, there are also users who are already working with i-doit who learn something new in one spot or another.
Preparation	Adaptation of object types, creation of individual object types. What is the difference between container and leaf objects? Difference between Windows and Linux platforms. Setting up e-mail. Set-up and function of the cronjob. Introduction and tuning of the system and i-doit parameters.	2 hours	Not only administrators get their money's worth here. Particularly the development of several object types to illustrate the corporate structure is an important step in adapting the product and actually advisable for every target group.
Advanced use	Use of the template system. Detailed explanation of network, storage, cable, electricity and workflows.	2 hours	
Getting started	Information regarding the initial filling of i-doit. How do I proceed, what do I have to consider?	1 hour	The structured approach when initially filling i-doit is not necessarily as trivial as it may appear. Customer-specific adaptations to the environment and prior arrangements are especially essential.
Hands-on	Participants document an example of their IT infrastructure. Creation of individual object types, construction of logistic corporate structure, detailed creation of network and storage.	2 hours	Being shown something is good, but doing it yourself is better. The really important questions from the user usually only come up when dealing with the product.
Relationships	Fundamental introduction to the relationship logic of i-doit. What are directed and what are undirected relationships; what are implicit and what are explicit relationships? Which were generated automatically and which have to be supplemented manually?	1 hour	
CMDB Explorer**	Representation of relationships in the CMDB Explorer. Brief tour of the various display and navigation elements as well as detailed explanation of the representation of the relationships.	1 hour	
IT basic protection module**	i-doit as ISMS. How the BSI IT basic protection catalogues can be integrated in i-doit.	1 hour	

*Compulsory module

**Only for users of the pro version

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Advanced

Name	Contents	Duration	Comment
CMDB modelling	Modelling IT services and complex IT infrastructures is a complex matter. Even though i-doit automatically generates relationships at many points, these must then also be used sensibly. Not only do they have to correspond to the real situation, but they must also be reduced to the information which is important for documentation. The result is an illustration of the dependencies and relationships which presents an exact view of the interrelation of the items.	6 hours	
Basic introduction of a database model	Introduction of a database model	2 hours	
Report manager	Presentation of the report manager. Creation of individual reports. Use of the report exchange.	2 hours	
Nagios	Explanation of the two Nagios basic features. Detailed presentation of the functions.	2 hours	
Request Tracker	Set-up and use of Request Tracker. Technical operation.	2 hours	
Import and export	Detailed presentation of the import and export options.	2 hours	

Developer

Name	Contents	Duration	Comment
Introduction to the back-end*	Presentation of the system environment, components used. Explanation of the code structure.	2 hours	In order to be able to carry out code adaptation to i-doit, several basics first have to be determined.
Advanced reports	Creation of advanced, more complexed Report Manager queries. Rough explanation of the database model.	4 hours	
Introduction to the front-end	Presentation of the components used. Introduction to the Smarty implementation.	2 hours	
Database model	Detailed explanation of the database model.	4 hours	
Import and export	Explanation of the structure of the import and export interface. Development of individual formats.	4 hours	
Individual categories	Creation of individual categories. Explanation of the limitations and expenses.	4 hours	
Module and interface development	Creation of individual modules. Linking to third-party products.	6 hours	

*Compulsory module