SIEMENS

Building Technologies
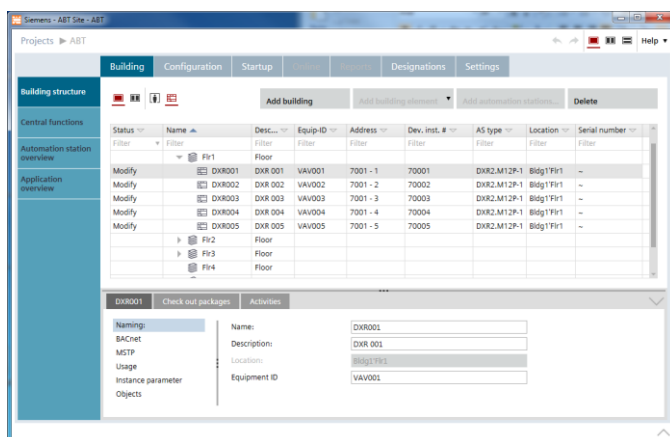CPS Products

Product Line: APOGEE and Desigo Tools

Distribution: RSS NA, APOGEE VAP, International NA, SA and AP

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Desigo™ ABT Site, ABT Pro and ABT Go Version 3.3.1,

Product Description

ABT Site is the tool for engineering, commissioning and balancing DXR equipment controllers and the new MS/TP BIM (Bus Interface Module for TX I/O). ABT Site allows users to define DXR and MS/TP BIM controller networks and hierarchies, add and configure standard applications, define DXR2 MS/TP or DXR2 Ethernet devices, load/upload application parameters, and connect to ABT-SSA, the web server for final commissioning/verification.
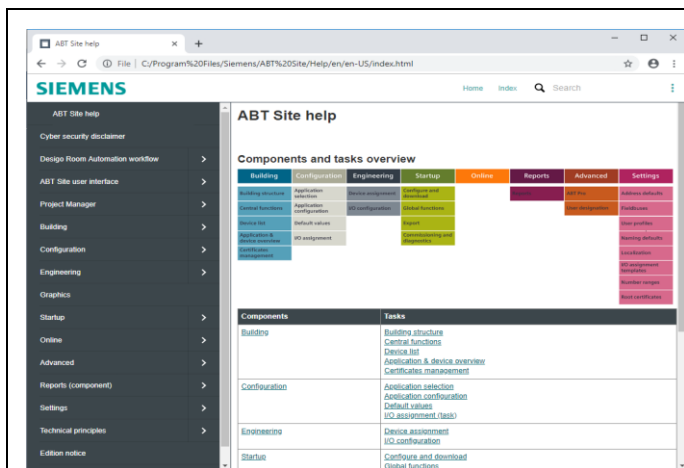
ABT Site is also the balancing tool for installations using DXRs.

ABT Go is the mobile App solution within the ABT Suite of tools and supports iOS and Android for purposes of DXR.E commissioning, device status and point check-out.

ABT Pro is the advanced version of the ABT Suite of tools and is intended for specially trained users requiring advanced configuration of DXR applications for TRA (Total Room Automation), or otherwise requiring additional functionality not already covered in the defined application types.

Unique Selling Points

- Built-in mass editing for creating large numbers of DXR and BIM devices quickly
- Application template parameters can be changed in one place for common job specific values
- Device discover of network devices and easy loading device/application parameters
- Router, Device or room unit access for commissioning
- iOS and Android App for commissioning and point check out of DXR.E controllers

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- Access from one network location to other DXRs and/or BIMs on the same network for easy access.

Reason for Release

- New features, enhancements and fixes to the tool suite

List of Key New Product Features

- **ABT Site is now license free**. The product will no longer require a license, specifically there is no cost or order required to use ABT Site. Simply download and start using ABT Site.
- **ABT Pro still requires a license
- Support for new DXR P1 and DXR Dual Duct
- Support for Desigo Control Point for offline engineering, plus back-up and restore of a project database
- Enhanced Pack and Go Workflows which support direct editing/adding/deleting of Automation Station. Help files and Application Templates can now also be included in the Pack and Go file
- New and improved Help with HTML5 interactions
- Support handling of external trust root certificates to optionally support improved network security and device access
- New Smart Installer which allows users to select software components to install and system of engineering units
- ABTGo UI Improvements

References

Reference documents and product overview information are available through the Partner Website

Product Documentation

Document	Comments
ABT Site Release Notes	Available electronically on Partner Website
ABT Site Online Help	Available with installed software
DXR Engineering and Commissioning Workflow	Available electronically on Partner Website
ABT Site Engineering/Commissioning Training Videos	Available electronically on Partner Website
DXR Information	Available electronically on Partner Website
MS/TP BIM Information	Available electronically on Partner Website

Product Description

ABT Site provides device engineering, configuration, start-up and commissioning support for Desigo controller platforms and products including Desigo DXR controllers for Total Room Automation and the MS/TP Bus Interface Module (BIM) remote network I/O solutions. ABT Site capabilities include: define building hierarchies, add/configure standard applications, create MS/TP or Ethernet controller devices, load/upload application parameters, and go online to ABT-SSA - the DXR's web server for final commissioning and/or balancing.

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Restricted

ABT Site works with the DXR application types and templates that are built into the controller hardware. See the DXR Sales Releases or DXR Application Notes on-line for a list of the complete application types and templates available. These DXR application types and templates are installed separately. ABT Site recognizes the installed applications in the controller hardware and allows the user to add application types or templates (applications with predefined selections) to the project, and then create DXR's.

Device engineering capabilities of ABT Site:

- One at a time or mass create and edit device database
- Utilize application templates for efficient application configuration
- Engineering and configuration of Bus Interface Module with TX/IO
- Desigo ControlPoint engineering offline, plus database backup and restore
- Apply project specific settings across many devices easily and quickly
- Manage library of applications.

Device commissioning capabilities of ABT Site:

- Discover devices on the network
- Discover devices without an address on a single MS/TP network
- Apply auto baud and auto addressing to devices
- Utilize mass baud rate and max master change settings on the MS/TP network
- Apply device serial number based loading
- Access points for commissioning in the device
- Network access to all devices on local network
- Concurrent device loading
- Commissioning Tool import of DXR or BIM data.

ABT SSA features and capabilities (no license required for ABT SSA):

- Start-up device using (BACnet/IP devices) web pages over IP or over USB connection (MS/TP devices)
- Balancer mode to provide the balancer access to the device settings.

ABT Go features and capabilities including point value command and monitor real time values and alarm management using an iOS or Android App in DXR.E devices (IP devices only). Functionality of ABT Go includes the following device overview information:

- Device names
- Locations, Equipment IDs
- Device types
- IP addresses
- Software /application running states
- Alarms /faults
- Manual operations
- Commissioning status

Note: ABT Pro is also updated to V3.3.1 for those designated Centers of Competence using ABT Pro.

Features, Functions and Benefits

Features	Functions	Benefits
Projects	Use the Project Manager to create projects, and define ABT Site tool settings, such as the default tool language and default project folders. Use project archiving to replicate your favorite projects and project characteristics, with password protection for security. **NEW** certificates management feature to allow for enhanced security between hardware and ABT. This provides an **optional** additional layer of security.	• Language selection • UI set for notebook or tablet • Project specific default settings • Project archiving solutions for faster development and review
Settings	Use the Settings component to define the default settings that apply to the whole project and its objects.	• Set address and naming defaults • Define roles and user profiles • Localization settings • Define ranges for rooms, groups, central functions, instance numbers
Building	Use the Building component to create building structures, manage central functions and copy, create and edit devices and application parameters.	• Provide a building view of the project data for ease of working on the system • Tabular editing for fast engineering or copy/paste to Excel • Overview of devices by application template • Create report by building or by application template • Copy and create devices for faster engineering • **NEW ENHANCED** Pack & Go file for commissioning which allows Automation Stations to be directly added/edited/deleted in the Pack and Go file. Previously, the Pack and Go file was not editable by a field technician. Help and application templates can now also be included in the Pack and Go file for improved information flow and direction to the technician.
Configuration **Reports**	Use the Configuration component to create and configure project-specific application templates, and manage default values and I/O assignments. Use the Reports task to manage project-specific reports. Generated reports can be opened, viewed, printed and exported. Including Configuration and commissioning reports, Group and Room/room segment reports. Added new application template report and export application template for easier template sharing and documentation.	• Configure applications, and use on multiple devices • Set job specific application default values • Specify parameters to configure/report • Print or export report data in easy to use format • Access reports from multiple components and devices for information sharing • iOS and Android based App for generating easy reports for commissioning and point check-out

	Additionally, use of ABT Go to generate commissioning and checkout reports for DXR.E using simple to use mobile App interface.	
Startup	Use the Startup tool component to perform device discovery, router discovery, node setup, load application parameters, application types, and firmware, upload application parameters, online access to ABT-SSA and balancing.	• Router, tool port, or room unit connections • Auto-address, discover addressed or unaddressed devices. • Global commanding for balancing setup • Diagnostics save feature for faster troubleshooting

Online	Use the Online component to access devices ABT-SSA page of a particular room automation station by way of a web-based interface.
	
	ABT Go for on-line point commissioning and check-out using easy mobile App interface including the following features:
	
	NEW Improved UI with new icon based navigation and easier to use interface for point check in/check out
	
	    o Device names
	    o Locations, Equipment IDs
	    o Device types
	    o IP addresses
	    o Software /application running states
	    o Alarms /faults
	    o Manual operations
	    o Commissioning status
		• No separate tool required when accessing ABT-SSA for IP Device or IP or MS/TP Devices via USB port
		• iOS and Android based App for easy to use on-line device interface using mobile App
		• Easier and faster device check-out, device diagnostics and commissioning

Highlights

ABT Site can be used standalone or integrated with commissioning tool for engineering. DXR and MSTP BIM devices can be imported to System Profile for loading primary equipment controllers or discovered on-site by field panels or workstations.

ABT Go is the on-line mobile App solution compatible with DXR.E and provides an intuitive and user friendly mobile device interface.

ABT Go complements the project delivery process by conveniently enabling the commissioning and maintenance of DXR.E devices. Please note, it is a requirement that the supported devices have a loaded application, and the network setup and KNX PL-Link/DALI devices are assigned. A network communication must be established over <u>wireless access point</u> using an IP wireless router to the BACnet/IP network that contains the devices targeted for ABT Go interface.

NEW PACK AND GO ENHANCEMENTS

- Clear scope of automation stations for installation (no duplicate installations, overriding others work)
- No missing automation stations, oil automation stations ore tracked
- More flexibility in "on-site" engineering with all the allowed changes
- More flexibility in workflows, incl. testing and training (deployment of work package with Pack & Go even on own/source computer)

System Requirements

Windows 7 or Windows 10
Video card and monitor capable of supporting 1280 x 1024 resolution with a minimum of 16-bit color
8 GB free disk space with a minimum of 2GB available
8 GB RAM (Minimum) 16 GB (Recommended)
Any dual-core processor or better (Intel® Pentium® D/AMD Athlon™ 64 X2 or better)
USB Port 2.0
.Net Framework 4.5 or above

Order Information and Pricing

Product Description	Product Number (ASN)	Material (SSN)	US List Price
ABT Site V 3.3.1	No License required	NA	NA
ABT Pro 3.3.1 lic 1 Year	~~571-861-1P2~~	S55802-Y151	$3090
License Dongle (Optional)	S55802-Y148	S55802-Y148	$561
OCI702 USB-KNX Interface	S55800-Y101	S55800-Y101	$750

NEW!! ABT Site is now License free. With the release of v3.3.1, ABT Site will no longer require a license to use. Specifically, there is no cost and no order need be placed. Simply download the software from the Partner Website.

Please use the Product number for ordering through SAP. All new saleable products will have a unique SSN (Siemens Sach Number) that is for reference only.

Obtaining a License (ABT Pro ONLY)

Order the ABT Pro part number listed above using your office's CSID which generates an email with the license information (containing the EntitlementID and ActivationID) within 24 hours. Activate the license on the local PC using License Management Utility (LMU) installed with ABT Site. Refer to LMU online help for detailed instructions on activating the license.

Save the Entitlement and Activation ID string in a safe place for future reference for moving to new or crashed/reformatted hard drive.

Optionally users can purchase and load the license onto a Dongle instead of the PC. The dongle makes the license portable.

Center of Competence License

At no additional cost, a Center of Competence (CoC) Expert license is now available to add to the standard *ABT Pro* license. The CoC Export license is only for users trained in ABT Pro engineering and who understand how to create *configurable* applications. Otherwise, a standard *ABT Pro* license is all that is needed to create custom applications. The CoC Expert license is obtained by contacting field support.

Center of Competence Expert Licenses are available for those who are specially trained on ABT Pro to provide *configurable* applications in support of TRA and customized HVAC applications. Please use the following CSID when contacting field support for access to the CoC Expert License for ABT Pro: *CSID 12093.*

Availability and Installation

The Standard Apps Drive and Partner Website contains software downloads and related release notes and software updates as applicable.

For ABT Go access, see the following Apps stores as appropriate to the device for which you intend to activate the App:
- For iOS devices, see https://www.apple.com/itunes/. Search for Siemens ABT Go.
- For Android devices, see https://play.google.com/store/apps?hl=en. Search for Siemens ABT Go.

Support

Software Support

Contact: Technical Support

Phone: 1-800-877-7545 (Dial 2)

Website: https://intranet.industry.usa.siemens.com/sector/bt/Departments/field-support/Pages/contact-us.aspx

Ordering Support

Order information	Domestic Orders	International Orders
	Contact: Your Dedicated Solutions Support Specialist	Contact: Josie or Liz
	Phone: 1-800-516-9964	Phone: 1-847-941-5050, Select prompt #1 and Dial: Josie at 8903 or Liz at 8908
	Email: Your Dedicated Solutions Support Specialist	Email: sbt_intlcustomer.service.industry@siemens.com
Return Items	Contact: Your Dedicated Solutions Support Specialist	Contact Josie or Liz
	Phone: 1-800-516-9964	Phone: 1-847-941-5050, Select prompt #1 and Dial: Josie: 8903 or Liz: 8908
	Email: Your Dedicated Solutions Support Specialist	Email: sbt_intlcustomer.service.industry@siemens.com
	Physical Return: Siemens Industry Building Technologies 1000 Deerfield Parkway Buffalo Grove, IL 60089	Physical Return: Siemens Industry Building Technologies 1000 Deerfield Parkway Buffalo Grove, IL 60089