

RELEASE NOTES BACKTRACK 2015.00.02

December 2016

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System Requirements

Windows 10

Windows 8/8.1

Windows 7 SP1

Windows Server 2016

Windows Server 2012

Windows Server 2008 SP2

Windows Server 2008 R2 SP1

Windows Vista SP2

Windows Server 2003 SP2

Windows XP SP3

Windows x64 bit platform

Installation requires **Administrator's** privileges.

If SQL Server is used as database type, SQL Server needs to be installed before the installation of BACKTRACK 2015.

BACKTRACK 2015 is compatible with SQL Server 2005, 2008, 2008R2, 2012, 2016.

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New Features & Enhancements

2015.00.02

- 11 templates are available when BACKTRACK when using SQL and Access

2015.00.00

- Windows 10 and Windows Sever 2016 are now supported.
- Windows 8.1 is now supported.
- Access to the server and client components via Windows Remote Desktop Protocol is now available.
- A "Tab Order" option has been added to the Screen Customization section.

2012.00.03

- Mobiles with Windows CE version 6 are now supported.

2012.00.02

- It is now possible to install the database on a remote server. Warning: the remote database will be deleted with the uninstall of BACKTRACK.

2012

- BACKTRACK 2012 can be run on the Windows 8 operating system.
- Added possibility to create a CSV file with comma separation during exports.

7.03.14

- Added possibility to manually set tab order of the fields at Add/Edit screens.
- Added the Field Level Security functionality, to restrict the access of some fields on the Edit dialog to users.

7.00.00

- The BACKTRACK software platform has been reengineered to incorporate the latest Microsoft technologies. This update provides better quality performance and support for new software industry standards.
- A new report generation tool has been integrated into BACKTRACK, allowing users to create professional reports with minimal training.
- A new software key activation and license management system was added, providing flexibility and ease of use.

6.00.01

- This version offers the ability to process serialized data on PDA when adding new items. Consecutive static field values can now be entered once for the first item in a series of scans. For each additional scanned item, the static field values are populated automatically. For example, if the collected data includes Location (Building ID), Shelf ID, Product ID (Product Code), and Serial Number, the first three fields are the same for a number of items, and **Serial Number** is the unique key field. The user must set the corresponding field order in the **Item File Structure Maintenance** window (**Database Maintenance > Administration Functions > Edit > Advanced Edit > Edit Item Structure**). All fields that are entered before the key field (Field ID = ITEM_NO) are considered static serial values in the generated PDA application. The scan routine in this case would follow this procedure:
 1. Scan the first item's Building ID.
 2. Scan the first item's Shelf ID.
 3. Scan the first item's Product ID.
 4. Scan the first item's Serial Number.

5. Click the **OK** button to add a new item. (The first three field values are copied from the first item and the input focus goes to the first control after the key field.)
 6. Scan the second item's Serial Number.
 7. Click the **OK** button to add a new item.
 8. Scan the third items Serial Number.
 9. Click the **OK** button to add a new item.
 10. Repeat this process for each additional item.
- Database trace functionality has been added to help user and tech support in troubleshooting. All requests from each client to the database can be logged now in a separate file named btw.log and placed in the same folder with BACKTRACK executable btw.exe. The structure of btw.log is as follows:
 <Date & Time> <User No> <User Name> <Host Name> <Login Name> <Process ID> <Table Name> <Filter> <Returned row count>
 Each field of the same row is separated by the tabulation symbol (ASCII code 09). The logging option could be set OFF or ON on the **Tracing** tab of the **System Settings** window (**Database Maintenance > Administration Functions > Change System Settings**).

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New Device Support

The following devices and their associated drivers have been added in this version:

V7.00.00

Manufacturer	Model
No new devices/drivers for this release.	

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Windows Mobile Devices – Supported Operating Systems/Processors:

- Windows CE .NET 4.1
- Windows CE .NET 4.2
- Windows CE Version 6
- Windows Mobile 2003
- Windows Mobile 2003 SE
- Windows Mobile 5.0 (with some restrictions)
- Windows Mobile 6.0 (with some restrictions)
- Windows Mobile 6.1 (with some restrictions)

Prerequisites for Windows Mobile Devices:

For mobile devices driven by Windows CE higher than version 4.2 SE (4.2 .Net, CE 5, Mobile 5, etc.), you must first upgrade the device settings using the following steps for the sync process to properly work with BACKTRACK:

1. Install Microsoft .NET Compact Framework 2.0 on the device. It can be downloaded from the Microsoft web site:
<http://www.microsoft.com/downloads/details.aspx?familyid=0c1b0a88-59e2-4eba-a70e-4cd851c5fcc4>
2. Install the ADOCE 3.1 drivers. The .CAB file for the ADOCE setup can be found at:
<http://www.nlpark.com/supportfiles.aspx>

For Symbol devices, download the .CAB file for the ARM processor (<http://www.nlpark.com/downloads/ADOCE31.ARM.CAB>), copy it to the device, then start setup from the device.

Note: The .NET Compact Framework must be installed before the ADOCE setup.

3. Verify that the following three entries are present in the device registry:

HKEY_LOCAL_MACHINE\Security\Policies\Policies\00001001 = 1

- Change default value from 2 to 1

HKEY_LOCAL_MACHINE\Security\Policies\Policies\00001006 = 1

- Change default value from 2 to 1

HKEY_LOCAL_MACHINE \Security\Policies\Policies\0000101b = 1

- Add this key (DWORD type) if not present and set the value to 1

These registry keys must be updated on the device in order to work with BACKTRACK. The registry keys must be set before the application is programmed within BACKTRACK.

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Fixed Defects

Version	Ticket ID/ Defect ID	Description
2015.00.02	December 2016	
		The Software will not install on a Windows 32-bit OS.
	TKX-105671-X3F1	Transaction Database field defaults to 0.
	TKX-105376-Q1C1	PDT Data Retrieval function overwrote the transaction time stamps
	TKX-105669-J0J0	The system keeps prompting that the password for the user has not been setup.
	TKX-103388-N3V1	Modifying SQL query in advanced report writer does not save
2015.00.00	November 2016	
	TKX-100439-S0D6	"Show Prompt" Checkbox ignored
	TKX-100438-Q4L9	Spelling Error in Screen Customization wizard
	TKX-103480-Y4S4	Account list is empty on the PDT
		"Import Rest" corrected to "Import Reset" in PdtData form.
	TKX-103374-T2T0	When the number is larger than 6 digits, only the first 6 digits is displayed.
		Import feature fails to work
	TKX-100451-C2W4	The Screen Customization Wizard resets to a default configuration every time it is used.
	TKX-100411-H1F8	Unable to add Locations during New Application Wizard (step 7)
	TKX-100451-C2W4	Screen Customization Wizard resets
	TKX-100429-M0R2	Prompting to save when no changes have been made
	TKX-103376-P5R9	Expanding the User Number field in the User Database fails to expand the User Number field in the Item Database.
	TKX-103377-D1D9	Cancel button fails to cancel the transaction
	TKX-100409-F4D9	Add/Remove Field option missing from Step 3 of Application Creation wizard.
	TKX-103390-H1P7	Adding locations does not necessarily save
2012.00.04	November 2014	
		BACKTRACK didn't respond when a Refresh was made in the "Current reservations" dialog box.

		Under database maintenance, the security settings were not saved correctly (sometimes the change didn't take effect and if it does, then the change was saved for both the administrator and everyone group and for all applications)
		Once security is turned on and user has to log in, an error occurred when trying to open edit screen.
		Search dialogs (items, location, users). The filter condition was not applied after the delete of any entry.
		Report writer/criteria: Using the 'Contains' feature in criteria did not save correctly or did not take effect
		Printing Labels with Criteria: Criteria 'Contain' didn't work properly.
2012.00.03	May 2014	
		On the Move transaction, extra fields that the customer had to fill in for the items to be moved was kept for all subsequent moves.
		Physical transactions were not available
		Some fields with data entered and retrieved from a PDT were not populated.
		It was possible to import invalid data without any warnings.
		License information was incorrectly displayed in About dialog box.
		It was not possible to enter a blank entry in a Number field.
		Records were not saved unless 'tab' or 'enter' was pressed while modifying a record.
		'Table view' defaults back to the entire database after searching for a record, then returns to 'Table view'
2012.00.02	December 2013	
		It was not possible to populate information from the item database onto a transaction report
		When using PDT, it was limited to 100 items when retrieving data on BACKTRACK
		Using 'Report Wizard', sort fields was not apply to the report if the first parameter was grouped.
		On Windows XP only, multiple prints were not working.
		Location search box was missing when adding new item
		After a restore of a database, several problems of use of BACKTRACK have been solved.
2012.00.00	April 2013	
		Criteria values were ignored during printing and entire Item database was printed
		'Sort By' drop down menu under 'Criteria' in 'Design/Print label' was not contained no information to select from.
		When trying to re-establish the relation in the transaction structure, the error "value cannot be null. Parameter name: source" was appeared.

		When adding fields under 'Edit user structure' menu, error message "Object reference not set to an instance of an object" occurred
		Error Message occurred when adding criteria under 'Reports'.
		Error Message: "Value cannot be null. Parameter name: method" when exporting report.
		Error message: "The given key was not present in the dictionary" occurred when deleting current reservations.
		Report Module - Error 'Failed to convert parameter value from a String to Decimal' when the criteria was set to filter numeric fields
		Report Module - Error 'Incorrect syntax near '?' when the "starts with" report criteria option is selected. Error occurs when the report was printed.
		Report Module - If report criteria use a date, error condition occurs. This occurs when the date was set within the report, not when the end user types in a date when running the report.
7.03.14		
		Fixed bug when "Add/Edit" screen opens with default size, now size is saved.
		Fixed bug with changing colors of fields at "Add/Modify" screens.
		On restored applications, the drop down tables (dbf files) do not get restored.
	TKX-16355-P7P9/16841	Backtrack 7.0 launches activation wizard during client portion of Network Install.
7.01.10		
	16841	Fixed issue while activating the software.
	16421	Fixed issue with restoring database backup.
	16842	Fixed issue with high CPU usage. Implemented the functionality of creating indexes on the fields marked "HasIndex" in constructor dialog.
		Fixed defect with changing colors of fields at "Add/Modify" screens.
		Fixed defect when "Add/Edit" screen opens with default size. Now size is saving.
		Fixed error with "Order to" textbox.
		Fixed error in the Customize/Edit User window.
6.00.04		
	45029/18841	When using an SQL database, the transaction pre-authorization is not working. The user is always able to perform the transaction regardless of the pre-authorization rules that have been configured.
	46534/18840	If a new field is added, the field data is not captured during a transaction (defect gives Date as an example field).

	36237/16380	When performing transactions on a Windows Mobile device, the Employee ID and Location ID are swapped when stored in the database.
6.00.03		
	42033/18008	Syntax error 10 CHCK.VALIDITEM.
	37312/16730	After designing a label and mapping the data, "Variable 'mapdata' is not found" message is displayed.
	27776/15090	Security Settings have no effect in some cases.
	30133/15433	Backtrack with Access Database. Situation where "Error 55 Memory file is invalid" message is displayed when editing reports.
6.00.02		
		Fixed issue where 999999.9999 was displayed in an In/Out Time (Hours) transaction report field in MS SQL databases when duration between last and previous transaction exceeded a certain value.
		Fixed issue where Location ID was displayed in Description field and vice versa on the mobile device screen when Send Description to PDT option was set.
6.00.01		
		Cannot connect to server error occurred on SQL Server version on Windows Vista when UAC is turned on.
		Runtime error occurred when Rebuild Data Files option was selected, using Windows Vista when UAC is turned on.
		Runtime error occurred during Restore process on Windows Vista when UAC is turned on.
		SQL Server user name was stored in plain text in a BACKTRACK otwdata.ini settings file.

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Known Limitations

- Restoring of old backup file (prior BACKTRACK 6), the transactions record are not restored but the database can be opened.
- Reports created in previous versions of BACKTRACK before 2012 are not imported into BACKTRACK 2015 during an upgrade. The old format is not compatible with the new report designer. Reports must be recreated manually.
- Under win2008 R2, Windows 8 and Windows Server 2012, it is required that the NET3.5.1 is selected via "Program and Files\Turn Windows Features On and Off".

<http://msdn.microsoft.com/en-us/library/hh506443.aspx>

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Compatibility with other TEKLYNX Software

BACKTRACK 2015 is compatible and fully tested to work with the following TEKLYNX software packages:

- LABELVIEW Gold, Version 2015
- LABEL MATRIX PowerPro, Version 2015
- CODESOFT Enterprise, Version 2015

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