



UNITrace

MSC 10 – Mobile Stock Control USER MANUAL

Customer: _____,

Address: _____

Document: MSC10 Installation MANUAL
ver. 1.0.0

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Document Change History

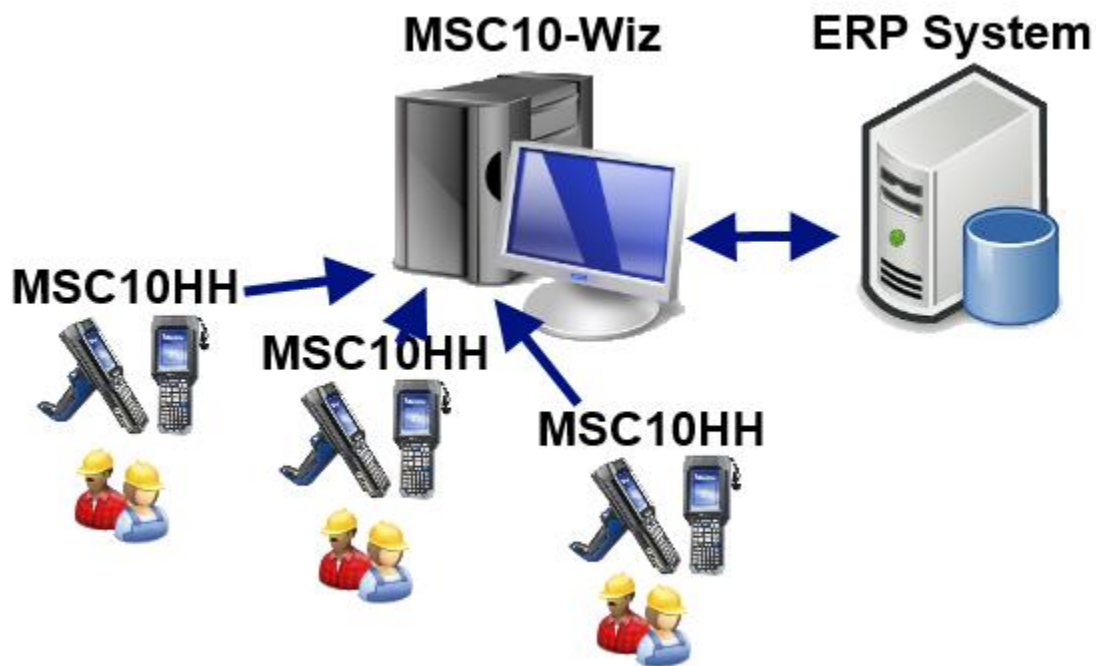
Version	Date	Author	Change description	Related sections
1.10	15/11/2013	Z.H.Strazdauskas	Initial version	All

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1. MSC10 SYSTEM

1.1. MSC10 System in full its glory



MSC10 SYSTEM is designed to allow multiple handhelds to collect stock information, and then upload it to the desktop so it can be imported into ERP for further processing and reporting.

Key Components:

- MSC10HH - application running on Intermec CK3 Handheld
- MSC10WIZ - application running on Desktop PC that communicates with handhelds via ActiveSync (Windows XP) or Windows Mobile Device Center (Windows 7 and above) (this application downloads license requests, collected data files and saves them to location that is accessible for ERP system for further processing)

1.2. Prepare Desktop PC for MSC10 system

MSC10 requires Microsoft synchronization service for communication with mobile devices:

- Active Sync – for Windows XP
- Windows Mobile Device Center – for Windows Vista/7 and above

Both are free and can be downloaded from the internet:

Active Sync 4.5: <http://www.microsoft.com/en-au/download/details.aspx?id=15>

Windows Mobile Device Center 6.1: <http://www.microsoft.com/en-au/download/details.aspx?id=14>

MSC10WIZ is written in C# (.NET) therefore requires Microsoft .NET Framework 2.0 (Windows XP Sp2 and above comes with this framework by default), if missing it can be downloaded:

<http://www.microsoft.com/en-au/download/details.aspx?id=1639>

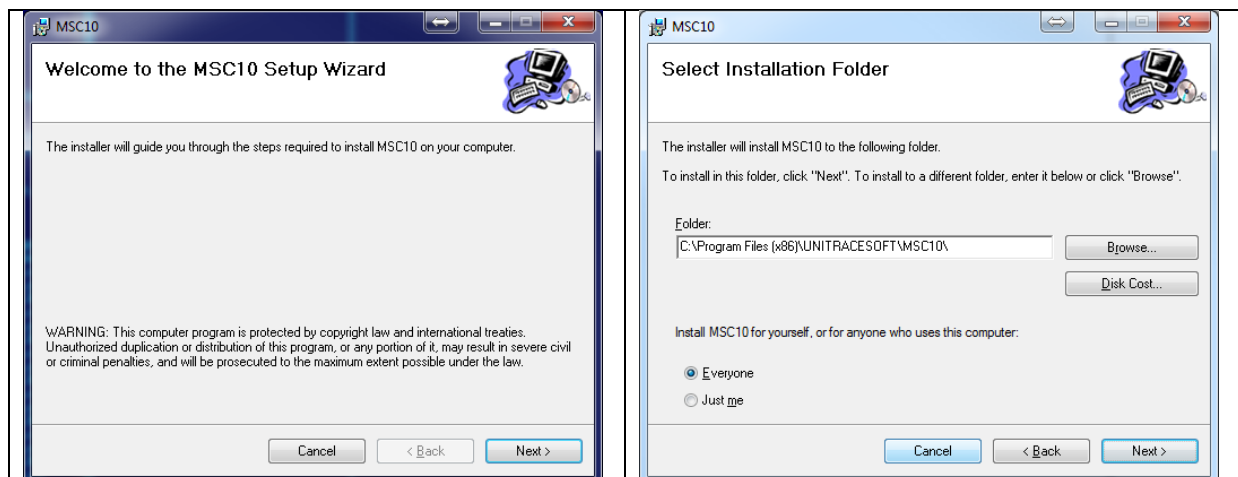
Make sure all service packs and updates are up-to-date!

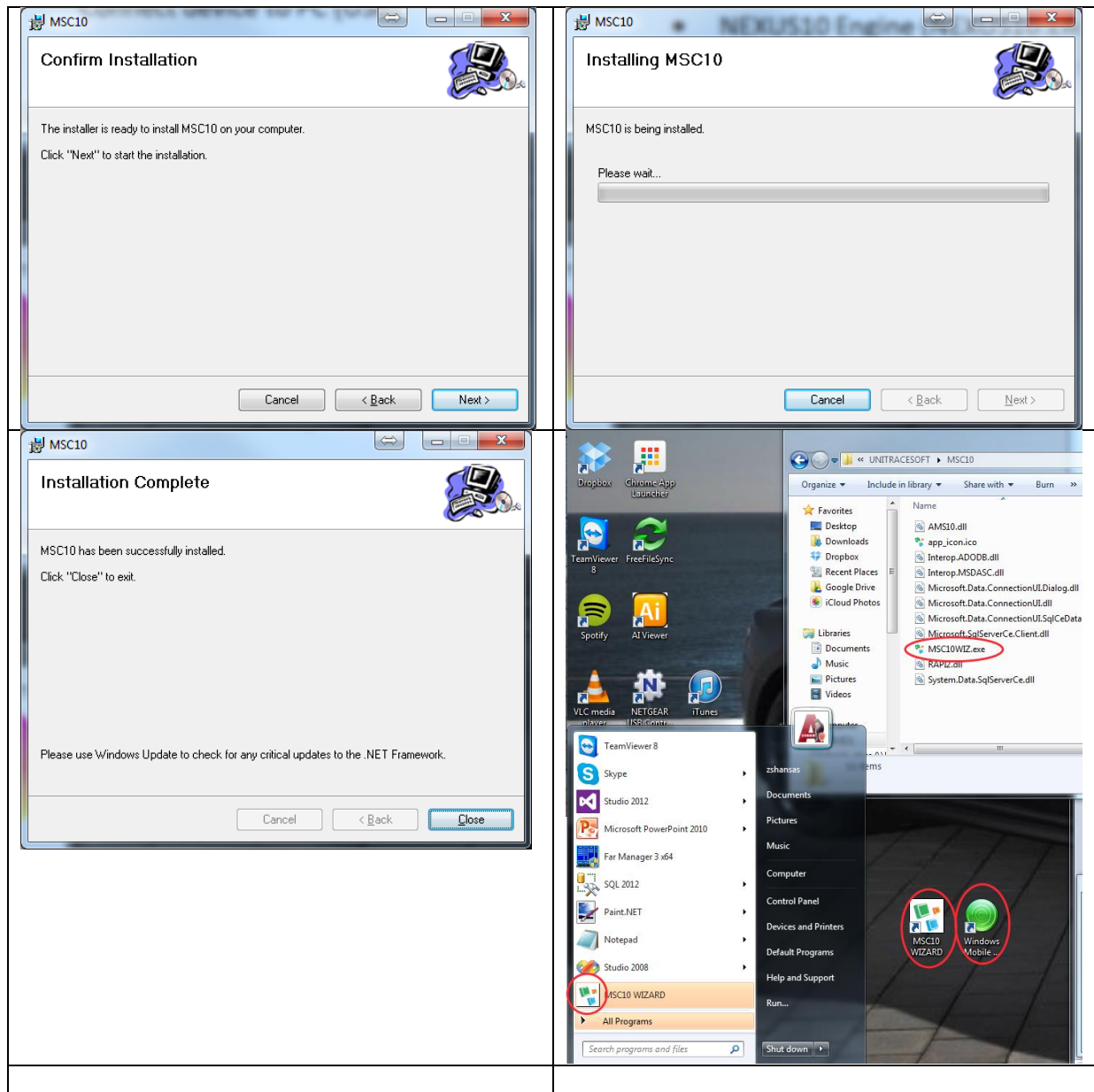
MSC10 files (<http://www.unitracesoft.com/Products/MSC10/Downloads/>):

- MSC10-WIZ-SETUP.msi – desktop application installation pack –
- MSC10-SETUP.cab – handheld application installation pack

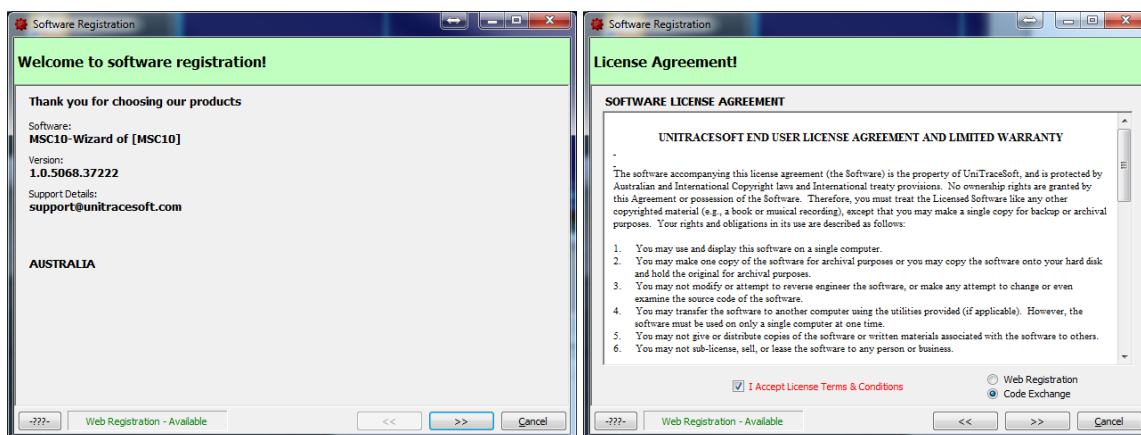
1.3. SETUP MSC10WIZ

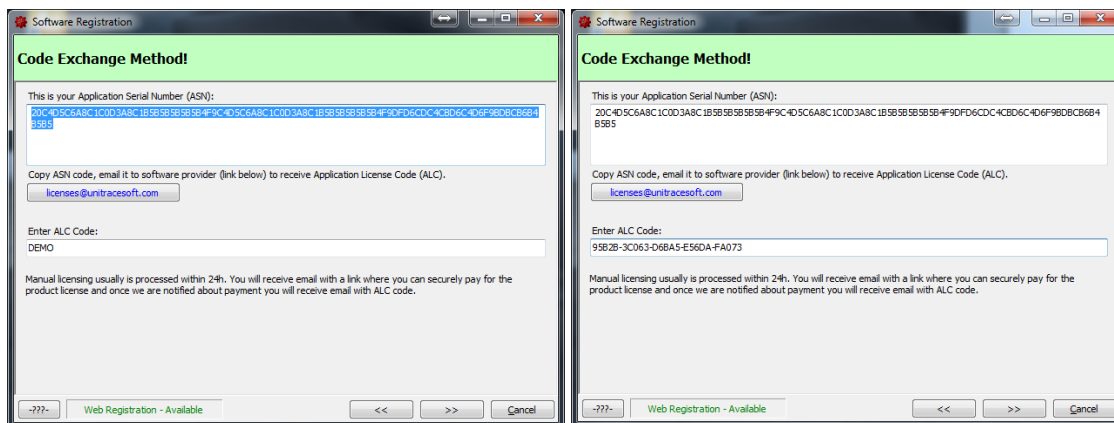
Run MSC10-WIZ-SETUP.msi and follow instructions:



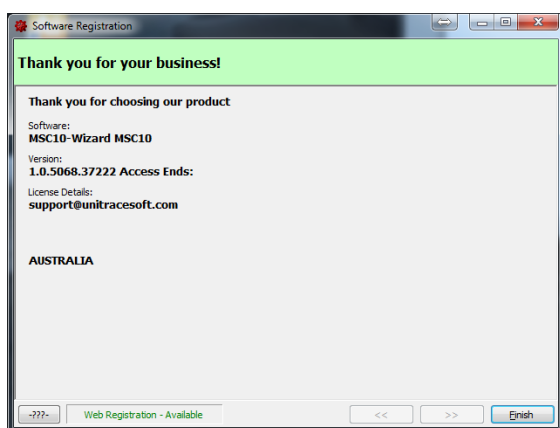


When first time program is executed it will ask for license and some configuration:

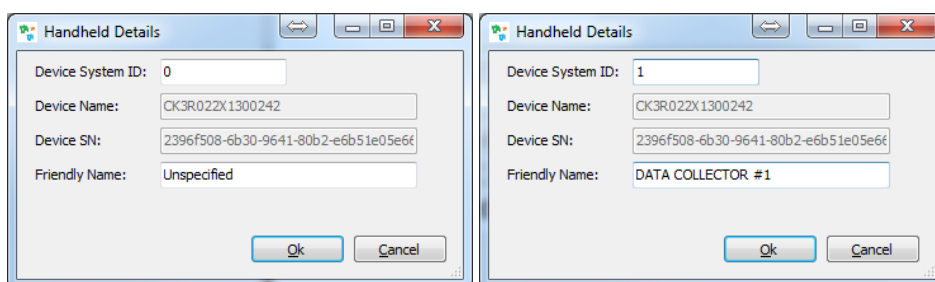


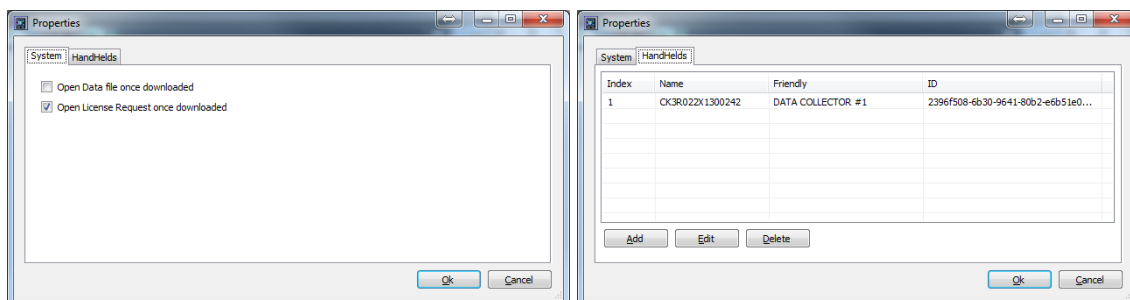
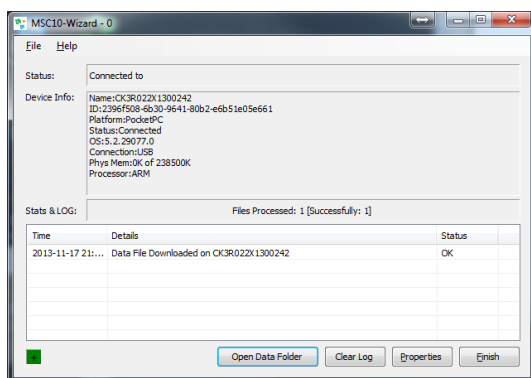
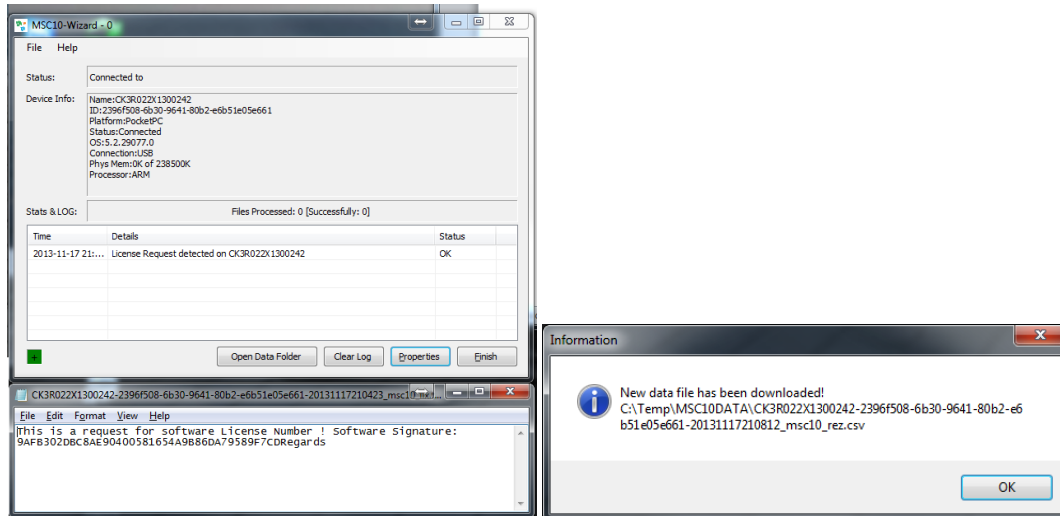
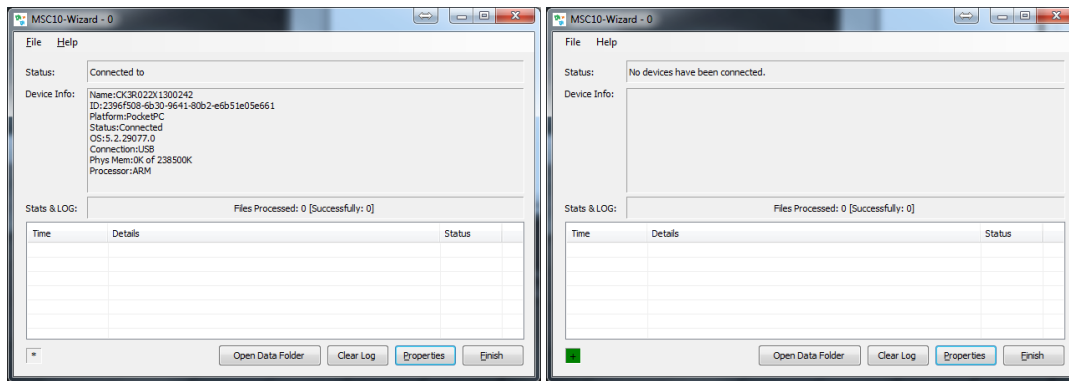


Send ASN to support@unitracesoft.com and you will receive ALC code that needs to be entered into appropriate field.



If device is connected program will detect it and will ask to enter more information about this device:



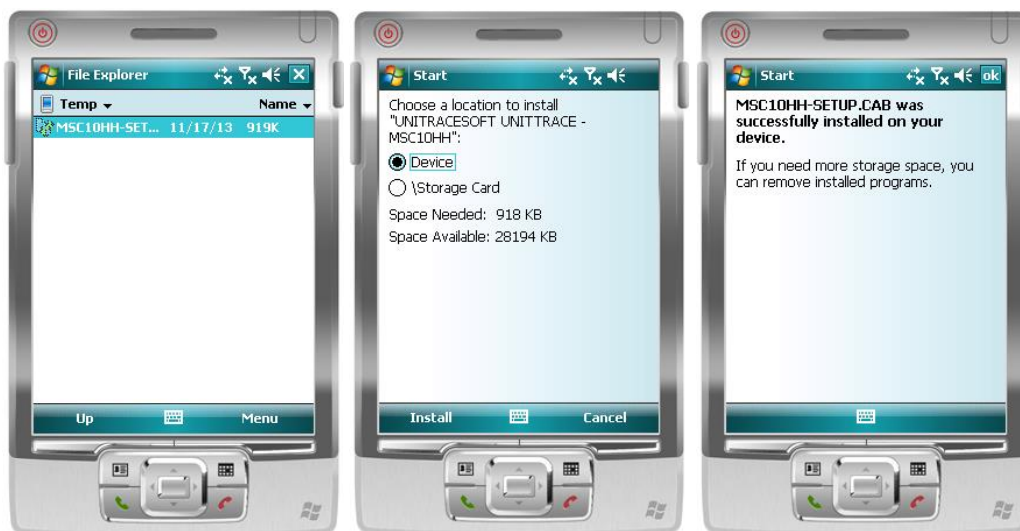


1.4. SETUP MSC10HH

Connect Intermec CK3x to Desktop PC (USB), setup connection details (various options are available – name change, sync to outlook – emails, calendar, notes etc).

On the desktop PC open My Computer and should see your device there, open it and copy MSC10-SETUP.cab to the device using File Explorer

The open File Explorer on the handheld:



Select MSC10HH-SETUP.cab and follow the instructions

When program is executed first time it will need to be licensed and will complain about missing files:



msc10_cfg.xml file will be automatically created if missing

msc10_data.csv file need to be uploaded same way like the installation file, but this time to Application Data folder (file name and internal structure is important (structure: Item number, Item name, Unit, Configuration, Size, Colour, Location, SerialNumber, Batch))

Output file – collected data will be stored in msc10_rez.csv file in Application Data folder (file name and internal structure has specific formal: Item_Number, Configuration, Size, Color, Location, SerialNumber, Batch, Item_Qty)

If program is not licensed it will ask for License Number:



Licensing process is:

- Send Serial Number to support@unitracesoft.com
- Receive License Number and enter it in

For this process to be easier there is “Create LIX File” button that will copy the Serial Number and will create a license request file on the device, plug device to PC, download that file and forward to support@unitracesoft.com



MSC10HH depending on scenario can be packaged differently, however main modules are the following:

Connect device to PC (via USB)



2. Installation

2.1. Minimum System Requirements

PC: Pentium V, 32 bit, 1Gb RAM, 100Gb HDD (not all third party software supports 64 bit software, therefore projects that depend on those components cannot have 64 bit PC)

SOFTWARE: Windows XP, Windows Service Packs, Framework 3.5 Sp1, Mobile Device Connection Center

2.2. Third Party Components

Recommend: TeamViewer – for remote support purposes

2.3. Hardware Setup

No hardware provided

2.3.1. Program Files Structure

C:\Program Files\UNITRACESOFT\NEXUS10

AML10.dll, AMS10.dll, AOPC10_BASE.dll, APC_CHARTS_50.dll, ENG10_LIB.dll,

Interop.ADODB.dll, Interop.LabelGalleryPlus3WR.dll, Interop.MSDASC.dll,
Interop.NiceEngine5WR.dll, Interop.NiceLabel5WR.dll, Microsoft.Data.ConnectionUI.Dialog.dll,
Microsoft.Data.ConnectionUI.dll, Microsoft.Data.ConnectionUI.SqlCeDataProvider.dll,
Microsoft.SqlServerCe.Client.dll

NEXUS10.ENG.exe, NEXUS10.MAN.exe, NEXUS10.OPR.exe

NEXUS10_BASE.dll, UTS_LIB.RPT.dll, UTS_CAMERAS10.dll, UTS_CHARTS10.dll,
UTS_COGNEX46_LINK10.dll

VIZ_ENG10_xyz.dll [custom features]

C:\Program Files\UNITRACESOFT\NEXUS10\EXPDLL\

VIZ_ENG10_xyz.dll [custom features]

C:\Program Files\UNITRACESOFT\NEXUS10\PLGDLL\

C:\Program Files\UNITRACESOFT\NEXUS10\Images\

C:\Program Files\UNITRACESOFT\ NEXUS10\Help\

C:\Program Files\UNITRACESOFT\NEXUS10\Reports\

C:\Program Files\UNITRACESOFT\NEXUS10\Settings\
C:\Program Files\UNITRACESOFT\ConfigFiles
C:\Program Files\UNITRACESOFT\ConfigFiles\Labels\
C:\Program Files\UNITRACESOFT\ConfigFiles\Documents\
C:\Program Files\UNITRACESOFT\ ConfigFiles\Help\
Installation Notes xyz.txt
C:\Program Files\UNITRACESOFT\CommandFiles
C:\Program Files\UNITRACESOFT\PI

2.3.2. Program Data Files Structure

C:\ProgramData\UNITRACESOFT\NEXUS10PCM\v1.0\
NEXUS10-Engine-xyz.config
NEXUS10-Engine-xyz.plc.config
NEXUS10-Engine-xyz.cs
NEXUS10-Manager-xyz.config
NEXUS10-Operator-xyz.config
C:\ProgramData\UNITRACESOFT\NEXUS10PCM\v1.0\
C:\ProgramData\UNITRACESOFT\NEXUS10PCM\v1.0\LOGS\
NEXUS10-Engine-xyz.log, NEXUS10-Manager-xyz.log, NEXUS10-Operator-xyz.log

2.3.3. Database

cdo_Engine – Engine Name
cdo_Server, cdo_Group, cdo_Tag
mnf_Line, mnf_Line_Area, mnf_Line_Control (**Line_Type_Id set to 1 – this enables BLEP to operate with Info-Holder Tags**)
mnf_Line_Runtime
org_Company, org_Factory, org_Operator
sys_Terminal, sys_System

2.4. Minimum System Requirements

2.5. Minimum System Requirements

2.6. Minimum System Requirements

3. Support & Future Expansions

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MSC10 Page: www.unitracesoft.com/Products/MSC10
