

Compsee's Mobile Application Terminal
Support CD and Developers Kit Overview
Version 3.3

Compsee's Mobile Application Terminal Developer's Kit is designed to provide all the tools necessary for fast and easy installation and development of mobile applications. These tools include drag and drop custom controls, SDK's, sample source code for VB .NET and C#, demonstration applications, utility programs and driver files.

The M.A.T. Toolkit is available on the Product Support CD v3.3 and can be downloaded from the Compsee Web Site. <http://www.compsee.com/Products/MAT/MAT-ProductSupport.htm> (File: MAT Toolkit.exe)

Note: If you have installed the Production Bundle prior to version 2.1.0, you will need to "Uninstall" that version before attempting to install this version. On the PC being used for the installation, uninstall the previous bundle by clicking the "Add or Remove Program" icon in the Control Panel selections. Remove the program. Once removed, proceed with the installation of the new version.

If you have questions, please contact Compsee Technical Support at 800.628.3888 or support@compsee.com.

The following table lists the M.A.T. components distributed with this release:

Component	Version	Description
CE Utilities		Windows CE Remote Display Utility (Host/PC file "cerhost.exe", MAT unit contains "cerdisp.exe")
Cisco Airtel ACU		Cisco Airtel Client Utility for MAT CE 4.1 Terminal
		Cisco Airtel Client Utility for Win CE 4.2 Terminal
Custom Controls and Libraries	2.1.1	Custom Controls and Libraries Installation. Distributes the following Custom Controls.
		Audio Recorder 2.0.0.0. Record and Play Audio Files. (Compsee.Controls.Audio.dll)
		Battery Status 2.0.0.0. Retrieve Battery Status Information. (Compsee.Controls.BatteryStat.dll)
		Brightness 2.0.0.0. Adjust LCD Brightness. (Compsee.Controls.Brightness.dll)
		In Dock Status 1.0.0.0. Check the In Dock status of a unit. (InDock.dll)
		Key Send 2.0.0.0. Send a Key Value to the Keyboard Buffer. (Compsee.Controls.KeySend.dll)
		Keypad Remap 2.0.0.0. Map a Key on the Keypad to a Different Key Value. (Compsee.Controls.KeypadRemap.dll)
		LED 2.0.0.0. Manipulate the Decode LED. (Compsee.Controls.Leds.dll)
		MultiApp 2.0.0.0. Check to see if an application is currently running. (MultiApp.dll)

Component	Version	Description (Cont.)
Controls (cont.)		Signature Capture 2.0.0.0. Obtain and Save a Signature. (Compsee.Controls.SignatureCapture.dll)
		SuperWedge 2.0.5. Set SuperWedge (Scanner) Properties. (Compsee.Controls.SupreWedge.dll)
		SWAPI_NET 2.0.0.0. Provide API support for the SuperWedge application. (Compsee.Controls.SWAPI_NET.dll)
		System Params 2.0.0.0. Retrieve System and Platform Information. (SystemParms.dll)
		Vibrate 2.0.0.0. Manipulate the Vibrator. (Compsee.Controls.Vibrate.dll)
Demos		
	Asset Track 1.3.0	Asset Track Installation Program
	Scan Demo 1.2.2	Scan Demo Installation Program
	Samples 2.1.1	Samples Bundle Installation Program: Installs all samples programs onto the unit.
Drivers		
	Bluetooth	Bluetooth Driver Files and Documentation
	USB	USB Driver Files (USB07)
		ActiveSync Setup Reference Guide (062605)
FlyCam-CF		
	1.2.1	FlyCam Demo Application and Source Code.
Help Files		
	1.0.6	MAT Quick Reference Guide (092605)
	1.0.3	MAT Quick Start Guide (092605)
	2.0.0	Custom Controls Reference Guide (042005)
	3.210	SuperWedge Technical Reference Guide
MAT Field Upgrade		
		Production Bundle Installation. Distributes the following applications.
		Audio Utility 2.0.0. Records and plays audio files.
		FKeys 2.3.6. Provides for user defined functionality of each Function Key.
		Scan Demo 1.2.2 Retrieves barcode data and symbology type.
		Signature Capture 1.0.5. Illustrates how to obtain and save a signature.
		SuperWedge 3.211 Scanner Wedge program.
		SuperWedge Configuration Manager 3.2.0 Configuration manager used to setup the Scanner.

Component	Version	Description (Cont.)
Samples		C# and VB .NET Samples and Source Code
	Audio Utility v2.0.0	Records and plays audio files. Demonstrates use of the Recorder. Audio 2.0.0 Custom Control.
	BatteryStat v1.3.8	Retrieves and displays battery status information. Demonstrates use of the Battery Status 2.0.0.0 Custom Control.
	Beeper Speaker v1.0.1	Illustrates how to play a Wav file through the beeper and speaker.
	HelloWorld v1.2.6	Simple hello world application that also illustrates how to adjust the screen colors.
	InDock V1.0.0	Provides the In Dock status of the unit.
	InputPanel v.1.1.5	Illustrates how to hide and unhide the soft input panel.
	Keypad Remap v.1.1.5	Allows a user to map a key on the keypad to a different key value. Demonstrates use of the Keypad Remap 2.0.0.0 Custom Control.
	LCD Brightness v1.0.4	Allows user to adjust the LCD brightness. Demonstrates use of the Brightness 2.0.0.0 Custom Control.
	LEDTest v.1.3.6	Manipulates the decode LED. Demonstrates use of the LEDs 2.0.0.0 Custom Control.
	Scan Demo v.1.2.2	Illustrates how to send a key value to the keyboard buffer to trigger a scan. Demonstrates use of the Key Send 2.0.0.0 Custom Control.
	Signature Capture v.1.0.5	Illustrates how to obtain and save a signature. Demonstrates use of the Signature Capture 2.0.0.0 Custom Control.
	Vibrator Test v.1.3.5	Manipulates the vibrator. Demonstrates use of the Vibrate 2.0.0.0 Custom Control.
	SWAPINET V2.0.0	VB .NET sample to illustrate API support for the SuperWedge.
SDKs	Embed C++	Installation File for CE4.1 units. MAT-EVC-SDK-052705
		Installation File for CE4.2 units. MAT-EVC-SDK-CE42-110305
		Installation File for CE5.0 units. MAT-EVC-SDK-CE50-071706
		API Support. (SWAPI.H)
WWAN Sierra		Cingular AirCard 775

Performance & Improvements for MAT Developer's Kit v3.3

- **MAT Field Upgrade/Production Bundle v3.3 for CE4.1, CE4.2 and CE5.0**
 - SuperWedge–v3.211
- **SDK**
 - MAT SDK for Embedded C++ Win CE 5.0 (MAT-EVC-SDK-CE50-071706.msi)
- **Help Files**
 - SuperWedge Technical Reference Guide

Performance & Improvements for MAT Developer's Kit v3.2

- **Help Files**
 - SuperWedge Technical Reference Guide
- **MAT Field Upgrade/Production Bundle v3.2 for CE4.1, CE4.2 and CE5.0**
 - SuperWedge–v3.210
 - SuperWedge Configuration Manager–v3.2.0
- **Custom Controls for .NET Compact Framework 2.0**
- **Sample Applications for .NET Compact Framework 2.0**
- **SDK**
 - SWAPI.h – Include support for new symbologies.

Performance & Improvements for MAT Developer's Kit v3.1

- **Bluetooth Driver**
- **Help Files**
 - SuperWedge Technical Reference Guide
- **MAT Field Upgrade/Production Bundle v3.1 for CE4.1**
 - SuperWedge–v3.1.2.0
 - SuperWedge Configuration Manager–v3.1.0
- **MAT Field Upgrade/Production Bundle v3.1 for CE4.2**

Performance & Improvements for MAT Developer's Kit v3.0

- **Cisco AirNet ACU**
 - Client Utility for MAT CE 4.1 terminal and Win CE4.2 terminal.
- **Custom Controls Installation v2.1.1**
 - Distribute New Custom Controls InDock v1.0.0.0
 - Distribute SWAPI_Net v2.0.0.0 to provide SuperWedge API Support.
- **Help Files**
 - MAT Quick Reference Guide v1.0.6
 - MAT Quick Start Guide v1.0.3
 - SuperWedge API Support
 - SuperWedge Configuration File Design
 - SuperWedge Menu Setup Documents
- **MAT Field Upgrade/Production Bundle v3.0 for CE4.1**
 - SuperWedge–v3.0.0.1
 - SuperWedge Configuration Manager–v3.0.0
- **MAT Field Upgrade/Production Bundle v3.0 for CE4.2**
- **Samples**
 - In Dock Sample v1.0.0
 - SuperWedge API Support for .NET v2.0.0
- **SDK**
 - MAT SDK for Embedded C++ Win CE 4.2 (MAT-EVC-SDK-CE42-110305.msi)

Performance & Improvements for MAT Developer's Kit v2.1.1

- **USB**
 - Driver (062305)
 - ActiveSync Setup Reference Guide (062605)
- **Help Files**
 - MAT Quick Reference Guide v1.0.4 (080905)
 - MAT Quick Start Guide v1.0.1
- **MAT Field Upgrade/Production Bundle v2.1.1**
 - SuperWedge–v2.1.0.0
 1. Improve API Support:
 - Added API support for SWExit().
 - Corrected the implementation of SWSetLock(). A TRUE performs a lock and a FALSE performs an unlock.
 - Changed the return value of SWSetBufferedMode(FALSE) to correctly return a success/error condition.
 - System tray annunciate icon now changes state due to API activate/deactivate commands.
 2. Changed dependency to MAT_PLATFORM_INFO_EX distributed by MAT.H.
 3. Pause function is now correctly output with key table entry 0x15.
 4. Corrected scan button handling that caused the key press to be seen but not released if the SuperWedge was deactivated while the key was pressed.
 5. Modified Activate handling to fire the laser if the scan button is pressed and held at the time the SuperWedge is activated.
- **WWAN Sierra Wireless AirCard**
 - Cingular 775 Application and Documentation

Performance & Improvements for MAT Developer's Kit v2.1.0

- **Bluetooth Driver**
- **USB Driver 042505**
- **EVC++ SDK 052705**
- **FlyCam Camera Demo v1.2.1**
- **Help Files**
 - Custom Controls Reference Guide
 - Samples and Demos Reference Guide
 - ActiveSync Setup Reference Guide
- **MAT Field Upgrade/Production Bundle v2.1.0**
 - SuperWedge–v2.0.0.5
 1. Incorporate API Support.
 2. Improve and expand error messages.
 - FKeys–v2.3.6
 1. Updated menu choice text.
 2. Modified browse file extension to include executable files.

Performance & Improvements for MAT Developer's Kit v2.1.0 (Cont.)

3. Reset undefined F1-F4 registry entries.
4. Added a "D" command line parameter. This feature disables FKeys.

Performance & Improvements for MAT Developer's Kit v2.0.0

- **Custom Controls Installation v2.0.0:** Distribute New Custom Controls v2.0.0.0
- **USB Driver 042005**
- **EVC++ SDK 021505**
- **Asset Track Installation v1.3.0**
 - Asset Track Application v1.3
 1. Incorporate MultiApp Control v2.0.0.0 to verify that the application is not currently running before opening an additional instance.
 2. Incorporate SystemParms Control v2.0.0.0 to retrieve platform specific information from the mobile device and load Company Information for the specific Platform Type.
 3. Incorporate KeySend Control v2.0.0.0 to set its default namespace.
 4. Incorporate Vibrate Control v2.0.0.0 to set its default namespace.
 5. Modify System Parameters Screen to reflect enabled and disable options.
- **Scan Demo Installation v1.2.2**
 - Scan Demo Application v1.2.2
 1. Incorporate MultiApp Control v2.0.0.0 to verify that the application is not currently running before opening an additional instance.
 2. Incorporate SystemParms Control v2.0.0.0 to retrieve platform specific information from the mobile device and load Company Information for the specific Platform Type.
 3. Incorporate KeySend Control v2.0.0.0 to set its default namespace.
- **Custom Controls Reference Guide v2.0.0**
- **Samples and Demos Reference Guide v042050**
- **MAT Field Upgrade/Production Bundle v2.0.1**
 - Audio Utility–v2.0.0: Incorporate Audio Control v2.0.0.0 to set its default namespace.
 - FKeys–v2.3.5: Incorporate Brightness Control v2.0.0.0 to set its default namespace
 - Scan Demo–v1.2.2: Incorporate KeySend Control v2.0.0.0 to set its default namespace.
 - Signature Capture–v1.0.5: Incorporate Signature Capture Control v2.0.0.0 to set its default namespace.

Performance & Improvements for MAT Developer's Kit v2.0.0 (Cont.)

- SuperWedge Configuration Manager–v2.0.6
 1. Load Company Information for the specific Platform Type
 2. Incorporate the KeySend and SuperWedge Control v2.0.0.0 to set its default namespace.
- SuperWedge–v1.7.6.2: Improved Initialization Routine
- **Samples**
 - Audio Utility–v2.0.0: Incorporate Audio Control v2.0.0.0 to set its default namespace and remove the “About” form.
 - Battery Status–v1.3.8: Incorporate BatteryStat Control v2.0.0.0 to set its default namespace and remove the “About” form.
 - Beeper Speaker Sample–v1.0.1: Remove the “About” form.
 - Input Panel Sample–v1.1.5: Remove the “About” form.
 - Keypad Remap Sample–v1.1.5: Incorporate KeypadRemap Control v2.0.0.0 to set its default namespace and remove the “About” form.
 - Brightness Sample–v1.0.4: Incorporate Brightness Control v2.0.0.0 to set its default namespace and remove the “About” form.
 - LED Sample-v1.3.6: Incorporate LEDs Control v2.0.0.0 to set its default namespace and remove the “About” form.
 - Scan Demo-v1.1.7: Incorporate KeySend Control v2.0.0.0 to set its default namespace and remove the “About” form.
 - Signature Capture Sample-v1.0.5: Incorporate Signature Capture Control v2.0.0.0 to set its default namespace and remove the “About” form.

Performance & Improvements for MAT Developer's Kit v2.0.0 (Cont.)

- Hello World Sample–v1.2.6: Remove the “About” form.
- Vibrator Test-v1.3.5: Incorporate Vibrate Control v2.0.0.0 to set its default namespace and remove the “About” form.

Performance & Improvements for MAT Developer's Kit v1.2.1

- **Custom Controls Installation v1.0.3:** Corrects an installation path error.

Performance & Improvements for MAT Developer's Kit v1.2.0

- **Asset Track Installation v1.2.5**
 - Asset Track Application v1.2.5
 1. Added a System Setup screen.
 2. Incorporate Audible and/or Vibrator alert for data validation.
- **Custom Controls Installation v1.0.2**
 - Keypad Remap-v1.0.0.4
 1. Made improvements to remapping functionality for the right and left scan keys
- **Keypad Remap Sample and Source v1.1.4**
 - Incorporate Keypad Remap-v1.0.0.4 custom control changes.

Performance & Improvements for MAT Developer's Kit v1.2.0 (Cont.)

- **SDK**
 - MAT eVC SDK-020105
- **MAT Production Bundle 1.0.6**
 - SuperWedge–v1.7.6.0
 1. Modified scan engine error checking and interface
 2. Modified copyright notices based on platform type.
 3. Made improvements to the loading procedure and removed unattended taskbar items.
 4. Made improvements to the loading order of multiple applications.
 5. Modified the order in which the virtual key table is initialized
- **Help**
 - MAT Samples and Demos Resource Guide-021405

Performance & Improvements for MAT Developer's Kit v1.1.1

- **Drivers**
 - USB Driver Files
- **Help Files**
 - MAT Quick Reference Guide v1.0.2
- **MAT Production Bundle 1.0.4**
 - SuperWedge–v1.7.5.3
 1. Made improvements to remapping functionality for the right and left scan keys.
 2. Decreased timeout value of scan engine connection function during startup.
 3. Improved error checking routine after a reboot.
- **SDK:** MAT eVC SDK with emulator-v122204.