February 2008
New Firmware and Software Updates

Release Notes

Document Version 1.0

COPYRIGHT NOTICE

© 2007 Chip PC Inc., Chip PC (Israel) Ltd., Chip PC (UK) Ltd., Chip PC GmbH
All rights reserved.

This product and/or associated software are protected by copyright, international treaties and various patents.

This manual and the software, firmware and/or hardware described in it are copyrighted. You may not reproduce, transmit, transcribe, store in a retrieval system, or translate into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual, or otherwise, any part of this publication without express written permission from Chip PC.

CHIP PC SHALL NOT BE LIABLE FOR TECHNICAL OR EDITORIAL ERRORS OR OMISSIONS CONTAINED HEREIN; NOR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE FURNISHING, PERFORMANCE, OR USE OF THIS MATERIAL.

The information contained in this document represents the current view of Chip PC on the issues discussed as of the date of publication. Because Chip PC must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Chip PC, and Chip PC cannot guarantee the accuracy of any information presented after the date of publication.

This Guide is for informational purposes only. CHIP PC MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT.

TRADEMARKS

Chip PC, Xcalibur, Xtreme PC, Jack PC, and the Chip PC logo are either trademarks or registered trademarks of Chip PC.

Products mentioned in this document may be registered trademarks or trademarks of their respective owners

The Energy Star emblem does not represent endorsement of any product or service.

U.S. GOVERNMENT RESTRICTED RIGHTS

The Software and documentation are provided with RESTRICTED RIGHTS.

You agree to comply with all applicable international and national laws that apply to the Software, including the U.S. Export Administration Regulations, as well as end-user, end-use and country destination restrictions issued by U.S. and other governments.

The information and specifications in this document are subject to change without prior notice.

Images are for demonstration purposes only.

Table of Contents

INTRODUCTION....4
COMPONENTS....4
FIRMWARE VERSION 6.5.7 - NEW FEATURES AND FIXES....5
UPDATED PLUG-INS - NEW FEATURES AND FIXES....6

Introduction

This document describes all firmware and software updates released in February 2008 for Xcalibur Global Management Software and for Chip PC thin client devices.

Components

The February 2008 Firmware and Software Updates include the following components:

- Chip PC client device firmware, version 6.5.7, build 081112RL0
- Plug-in Updates:
  - Citrix ICA 10.09, version 10.0901
  - TouchKit of the touch panel for Xtreme PC, version 2.0902
  - Microsoft Internet Explorer 6.0 for Windows CE, version 6.0010
  - Ultra VNC, version 4.2007
  - LPD Printer, version 4.2.005

Firmware version 6.5.7 - New Features and Fixes

Table 1 lists and describes new features and fixes in the Chip PC client device firmware 6.5.7 released in February 2008.

Table 1: Firmware version 6.5.7

#	Feature / Fix	Description
1.	NEW – NetBIOS name from DHCP.	Added support for DHCP option 012. The device can now receive its NetBIOS name from a DHCP server using the DHCP Standard Option number 012.
2.	NEW – Support for moving published application windows to Secondary / Primary screen.	Added support for the new ICA feature enabling published application windows to be moved between screens when working in Dual Screen mode. See Table 2, item 4.
3.	NEW – Sleep Mode	Added a new energy saving “Sleep Mode” that can be activated via the Stand-By button. A second press on the Stand-By button will cause the device to reboot. When in “Sleep Mode” the energy consumption of the device will be reduced to 0.6 Watt.
4.	FIX – optimized support for “Ctrl”+“Alt Gr”+“Del”	The key combination “Ctrl”+”Alt Gr”+”Del” is now supported when using Domain Authentication on a device set to German language (“Alt Gr” refers to the right “Alt” key).
5.	FIX – Optimized ICA graphic performance in 24bit color.	The graphic performance of ICA has been optimized for 24bit color.
6.	FIX – Optimized duplex printing mode.	The option for local duplex printing on the device has been optimized.

Updated Plug-ins - New Features and Fixes

Table 2 lists and describes new features and fixes for updated plug-ins released in February 2008.

Table 2: Updated Plug-ins

#	Feature / Fix	Description
1.	ICA: New ICA client version 10	A new ICA plug-in version 10.
2.	ICA: Pass-through authentication & Single Sign-on for Citrix Web Interface.	Added support for full pass-through authentication in the Citrix Web Interface. When using Domain User Authentication, the credentials used to logon to the device are automatically used to logon to the Citrix web interface. The same credentials will be used when activating a published application within the Citrix web interface and the user will not be prompted for any additional credentials **NOTE** *The Citrix server must be configured to use pass-through authentication for the web interface.*
3.	ICA: Unlimited timeout for PNA logon	Added a feature to set the PNA logon timeout to Unlimited. If this option is selected, the PNA logon dialog box will wait indefinitely for the user credentials. While waiting for the credentials, access to the desktop will be denied.
4.	ICA: Move published application windows between primary and secondary screens.	Added a feature that enables published application windows to be moved between screens when working in Dual Display mode. The ICA published application can be move to: ■ The Primary screen ■ The Secondary screen ■ Spanned over both screens These options are available from the application's taskbar.
5.	ICA: Lock Device optimized for pop-ups.	Device remains locked when pop-up events occur.

Table 2: Updated Plug-ins – continued

#	Feature / Fix	Description
	VNC: VNC Viewer	Added a feature to run a VNC client/viewer on the thin client. **NOTE** *The VNC viewer has been successfully tested only with the UltraVNC variant of the server.*
	TouchKit Touch Screen: Support for additional drivers	Added support for additional touch screen controllers.
	Internet Explorer: Alternative URLs can be used when automatically renewing a session	Added a feature to specify the URL that will be opened when the browser performs a scheduled renewal. The optional URLs are: ■ Refresh the current URL ■ On refresh go to the Home Page ■ On refresh go to the Search Page ■ On refresh go to the Start Page
	Internet Explorer: Refresh every 15 minutes	Added a renewal option to set the refresh rate to every 15 minutes.
	LPD: Re-print optimized	Optimized performance of the Print / Cancel / Re-Print cycle.
	LPD: Print while user is not logged-on	Added a feature enabling the LPD plug-in to operate even when a user (Domain Authentication) is not logged-on to the device. This option requires the use of an Xcalibur Policy, for details refer to the Chip PC document titled “How to Enable the Operation of the LPD Server When a User is not Logged-on” (ref: DG107H).