



THE POWER SUITE

CipherLab Developer Software



Forge Stream Mirror Blaze

Smart tools. Fast solutions.

The Power Suite is a comprehensive toolkit for CipherLab mobile computers that lets you design and manage powerful business applications for batch and wireless environments.



THE POWER SUITE

CipherLab Developer Software



EVERYTHING YOU NEED...

You need tools as smart as you are. CipherLab's Power Suite of development and management software lets you quickly deliver innovative, comprehensive software solutions for any business environment. The Power Suite focuses your energy on what you do best—solve problems and deliver solutions—faster and easier, and with more capabilities.

Using intuitive interfaces and rock-solid tool sets, the Power Suite turns the drudgery of coding into accelerated development of powerful data capture and management applications for any CipherLab mobile computer.

The Power Suite contains a comprehensive set of proven tools that give you everything you need—to do everything you need to do.

- ▶ **Development tools** accelerate solution development to get your customers up and running with new applications that help take their businesses to the next level.
- ▶ **User interface tools** make it easy to integrate both Windows® and Windows®-free devices into any mainframe environment.
- ▶ **Infrastructure tools** connect mobile devices with networks and back-end systems.
- ▶ **Management tools** reduce the cost of ownership by simplifying the activities of maintaining mobile devices, user applications, databases, and operating systems.

...TO DO **EVERYTHING**
YOU NEED TO DO!



WITH A FULL RANGE OF RUGGED PERFORMANCE-TESTED MOBILE COMPUTERS, CIPHERLAB SOLUTIONS ARE FOUND HARD AT WORK, WORLDWIDE, IN RETAIL, LOGISTICS AND TRANSPORTATION, WAREHOUSING, MANUFACTURING, SERVICE INDUSTRIES, AND HEALTHCARE.

SDI.net
We Manage Mobility **MobiControl**

- ▶ MobiControl is a horizontal solution, addressing all marketing verticals including retail, manufacturing, healthcare, field-service, government, transportation and logistics, and technology.
- ▶ Powerful remote control and helpdesk tools to diagnose and fix problems efficiently while devices are still in the field
- ▶ Deploy software and data to CipherLab's Windows®-based mobile computers in real-time via WLAN & WWAN
- ▶ Data synchronization to keep remote workers equipped with the most up-to-date information
- ▶ Advanced security features such as file encryption and device lockdown

NAURYTECH CETerm
CORPORATION

- ▶ Naurtech CETerm is a Terminal Emulator (3270, 5250, VT) and Industrial Web Browser supporting CipherLab's Windows®-based mobile computer.
- ▶ CETerm directly interfaces with CipherLab's industrial scanner engine to allow complete configuration and control of the barcode scanner and symbologies
- ▶ Integrated RFID to support scans and decodes of multiple tags with a single read

DELIVER PROJECTS QUICKER WITH POWERFUL NEW SOFTWARE

Forge

batch and wireless Application Generators



- ▶ Quickly create custom user input templates for batch data acquisition on CipherLab mobile computers and download/upload data and lookup tables
- ▶ Easily design user input templates that map to back-end databases over your wireless LAN networks for data acquisition in real-time
- ▶ Control and monitor wireless LAN-based activity
- ▶ No coding—intuitive user interface accelerates and simplifies design efforts whether you're designing for batch or wireless applications
- ▶ Flexible and powerful enough for a wide range of database environments and batch and wireless data acquisition usage scenarios
- ▶ Accurately simulate your batch or wireless applications on your PC before deploying
- ▶ OCX (OLE Control Extension) for batch AG takes complex data transmission protocol into concise API on 8 series for easier and better software integration.

Stream

Wireless Studio



- ▶ Everything you need—integrates database management, terminal emulation, mobile device screen customization, device template setup, and user configuration tools in a single application
- ▶ Accelerate your application development using an intuitive graphical environment
- ▶ Easily link to existing back-end databases or create custom, user-defined databases within the application
- ▶ Manage and update applications and databases for multiple CipherLab devices from a single source
- ▶ Customize emulated terminal screens to fit any CipherLab terminal
- ▶ Test applications on a simulated CipherLab mobile computer on the PC before deploying

MCL-Collection

- ▶ Terminal emulation and Web browser in the same application
- ▶ Powerful scripting and macro capabilities to customize, streamline, and automate workflow processes
- ▶ Secure, built-in support of SSL and SSH protocols for data transfer



- ▶ No-coding development—accelerate solutions delivery with intuitive graphical environment
- ▶ Save money and time—easily extend and reuse your existing applications across multiple platforms
- ▶ Flexible—connect to multiple database types and preflight applications on your PC before deployment

DEVELOPMENT AND MANAGEMENT TOOLS FROM CIPHERLAB

Mirror

Terminal Emulators and Browser



- ▶ Powerful VT100/220 and TN5250 Terminal Emulators for all CipherLab mobile computers
- ▶ Eliminate user scrolling in terminal emulation—display only critical console output on your CipherLab mobile computer screens
- ▶ Save terminal emulator screen formats as a template to deploy on all your CipherLab mobile devices
- ▶ Custom browser for Windows®-based mobile computers enables easy integration of AIDC into a web-based environment
- ▶ Make it easy for users—use CipherLab's browser for data access and capture on Windows®-based mobile computers

Blaze

C and BASIC Compilers



- ▶ Fast CipherLab compilers quickly get you to final code
- ▶ Rich CipherLab C libraries let you integrate powerful data capture capabilities into your applications
- ▶ Simulate your C applications on the PC before deploying, saving time and eliminating possible rework

www.cipherlab.com

wavelink Avalanche™

- ▶ Cut cost of ownership—easily manage all aspects of mobile devices
- ▶ Protect your infrastructure—quickly roll out changes and updates to security, software, and operating systems
- ▶ Easily track your mobile assets to maintain regulatory compliance

wavelink Emulator

- ▶ Easily inject new technology into your mainframe-based infrastructure with Windows®-based mobile computers and Wavelink® Emulators
- ▶ Enables users to leverage both graphical and terminal interfaces in a single mobile device



FORGE _ Application Generators

Batch: all mobile computers

WLAN: non-windows® mobile computers

Intuitive graphical interface	Develop applications quickly on your PC—without writing code
Batch or wireless	Match applications to exact communications environment
Powerful, flexible data manipulation	Eight screen fields with multiple data type, up to 10 forms and menus, three lookup files, and manipulation options to build powerful applications
Built-in reader configuration	Tune application for exact type of data acquisition
Multi-level passwords	Finely control user access to configurations
Function key programming	Accelerate tasks with dedicated, programmable keys
Built-in simulator	Test applications to avoid redeployment efforts
Customizable applications	Store and download individual applications as needed
Wireless Database Manager	Stand-alone application connects wireless users to database



STREAM _ Wireless Studio

for all wireless mobile computers

Four integrated functions in Designer application	Develop powerful applications quickly using intuitive graphical interface on your PC—without writing code
Application-level control	Download runtime/device settings once, manage all others
Easy manageability	User-level setting mapped to device based on user log-in
Powerful database management	Instantly link to multiple back-end data sources or build new resources
Flexible application management	Custom templates with field, menu, form, and data options
VT100/220 and TN5250 Emulators	Map customized screen templates to multiple mainframe hosts for maximum flexibility and control
Host screen reformat	Reformat emulated screens to display critical information
Extensive user management	Define and manage all users from a single window
Powerful device management	Create unique menu and reader configurations for users
Communication server	Monitor and control terminal and database connectivity
Built-in simulator	Save time by testing applications before you deploy



BLAZE _ C and BASIC Compilers

for all non-windows® mobile computers

Compile application code	Fast, easy customized solution deployment
Powerful libraries	Integrate extensive functions and controls into effective business applications
Application simulator	Verify applications before deployment to save time and effort



MIRROR _ Terminal Emulators

for all mobile computers

VT100/200 and TN5250	Integrate mobile computer into mainframe environments
Easy screen and terminal configuration	Familiar windowing environment allows quick customization of the mobile computer screen to the mainframe application
Function key programming	Accelerate tasks with dedicated, programmable keys



MIRROR _ Browser

for Windows®-based mobile computers

Library of mobile Java® functions	Capture data from laser and RFID readers directly into web forms, interrogation, and control of the mobile device using web applications
Browser for mobile AIDC applications	Industry-standard front-end for fast integrations into any web-based application environment
Familiar browser interface	Simplify and accelerate user tasks



We Manage Mobility

for Windows®-based mobile computers

MobiControl	Powerful remote device management tools
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for Windows®-based mobile computers

CETerm	Terminal Emulator (3270, 5250, VT) and Industry Web Browser
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MCL-Collection

for 9500 series mobile computers

MCL-Designer	No-coding development—quickly create and debug applications
MCL-Client	Instantly run existing MCL-based mobile applications
MCL-Link MCL-Net	Powerful connectivity for batch and wireless environments reduces management overhead
MCL-Bridge	Reduces development requirements to connect back-end resources, such as SAP®, to mobile devices and applications



for 9400 and 9500 series

Avalanche™	Simplifies IT management for security, OS, application updates, asset management, and regulatory compliance
Emulators	Instantly integrate with mainframe environments, add new technologies to your infrastructure

CIPHERLAB POWER SUITE



CIPHERLAB – DELIVERING A NEW LEVEL OF SMARTER SOLUTIONS

CipherLab is well known for rugged devices that not only stand the test of time, but also the rigors of hard daily use. With new software products, developer support, and relationships with industry leaders, the bar is raised for CipherLab and the AIDC industry. The Power Suite makes it faster and easier than ever to deliver rich and powerful solutions to improve customer operations and reduce costs.

PROVIDE TRUSTED SOLUTIONS USING PROVEN APPLICATIONS

Combining the trusted, proven products from CipherLab, MCL, and Wavelink® means you can deliver solutions with a new level of confidence. The Power Suite gives you more than powerful and easy-to-use development and management tools. Using integrated debugging functions and device simulators, you can thoroughly exercise and validate applications before they're deployed. Power Suite's smarter tools help you deliver proven solutions.

IT PRACTICALLY CODES ITSELF

Development has never been easier. Intuitive, graphical interfaces minimize coding effort, whether you deploy for our Windows® or Non-Windows mobile computers. The Power Suite makes it easy to manage databases, build customized applications, and manage batch or wireless LAN data capture for a few users or hundreds. We've built-in simplicity so you spend less time dealing with the details and more time on solving real problems and delivering valuable solutions.

CipherLab Power Suite		Non-Windows mobile computers				9300 series	9400 series	9500 series	9600 series
FORGE	Batch Application Generator	✓	✓	✓	✓	✓	✓	✓	✓
	WLAN Application Generator	✓	✓	✓	✓				
STREAM	Wireless Studio	✓	✓	✓	✓		✓	✓	
MIRROR	VT100/200 Emulator	✓	✓	✓	✓	✓	✓	✓	✓
	TN5250 Emulator	✓	✓	✓	✓	✓	✓	✓	✓
	Browser					✓	✓	✓	✓
BLAZE	C Compiler	✓	✓	✓	✓				
	BASIC Compiler	✓	✓	✓	✓				
SOTI	Mobicontrol					✓	✓	✓	✓
Naurtech	CETerm					✓	✓		✓
MCL	MCL-Collection							✓	
WAVELINK®	Avalanche						✓	✓	
	Emulator						✓	✓	

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