InfoConnect Enterprise Edition for Airlines

Micro Focus® InfoConnect® Enterprise Edition for Airlines is a comprehensive package of terminal emulation, print delivery, and software development tools designed specifically for the airline/travel industry. With InfoConnect, users can securely access computer reservation and global distribution systems as well as TPF, Unisys, UNIX/VMS, and IBM hosts. They can also print to shared printers and host devices—enjoying bi-directional print messaging for confirmed print delivery.

Product Highlights

Eliminate Errors and Boost Productivity

InfoConnect is the only multihost airlines/travel solution available today that offers productivity-focused emulation. Only InfoConnect makes mainframe applications an integral part of the Office products that you use every day—because now Word, Outlook, and host emulation all work together.

InfoConnect runs under the Accessory Manager, a common frame application that enables emulators to share productivity-enhancing features available to Microsoft Windows enterprise clients. Multiple sessions can be viewed simultaneously on the screen in one frame application, with each session in a separate window.

InfoConnect combines the following features in one high-performance solution to help you cut costs, boost user productivity, and maximize ROI:

- **Spell Check.** Pre-set InfoConnect to automatically correct misspelled words as data is entered into various host-screen fields.
- **AutoExpand.** Pre-set acronyms or shortcuts for long words, phrases, or complex repeat commands. InfoConnect also reduces the number of keystrokes required to execute tasks or enter data, so you can quickly move to the next task or customer call.
- **AutoComplete.** Leverage InfoConnect’s ability to recall what you type and auto-populate fields as it learns common commands that are repeated.
- **Recent Typing.** Quickly view and select repeat words and commands, eliminating the need to manually re-enter information.
- **Scratch Pad.** Take notes as you work with host applications, reducing errors and ensuring that crucial information is captured and saved. Ideal for customer service-centric organizations.

Quick View

- Integrated with Reflection Security Gateway for centralized management and stronger security.
- Works seamlessly with Microsoft Office applications and productivity features (including Spell Check, Screen History, AutoComplete, and AutoExpand).
- Delivers patented secure token authorization technology for an extra layer of security in front of the host.
- Provides high-level security with SSL, TLS 1.2, SHA-256/RSA-2048 digital signatures, macro encryption, Reflection Secure FTP Client, and FIPS 140-2 validation.
- Supports IPv6.
- Designed for airline multidevice network printing.
- Certified to work with CUTE vendors, including ARINC, RESA, SITA, and ULTRA.
Screen History. View, copy, and paste information from previous screens into current active screens with a simple mouse-click.

CASL. Create custom macros to handle services and functions, making it easier to connect to terminal sessions, control communication sessions, automate routine tasks, create or control dialog boxes and QuickPad functions, and capture host data.

OLE linking and automation. Use an industry-standard framework (Microsoft OLE) to program front-end existing mainframe applications in various ways.

HotSpots. Customize each host screen with different HotSpots, sensitive text blocks or screen regions activated by a mouse click to automatically perform tasks. By setting a HotSpot on a text block, routine data-entry information, such as the current date, can be entered automatically.

Simplified keyboard mapping for automation. Use a graphical user interface to customize your keyboard so that it has the same look and feel as your existing terminal or workstation. You can reassign keystrokes to other locations and designate single keys to play back keystrokes or function sequences. Reassigned keys can also be set to run CASL macros, activate terminal functions, launch other applications, and perform any action that uses the Accessory Manager menus. All keyboard maps can be distributed and shared by users for a consistent interface throughout the airport.

Customizable toolbars. Control standard Windows functions, including opening and closing files, and accessing CASL macros. You can load one or more toolbars for each session and also reposition and dock the toolbar.

Custom front ends. Encapsulate pieces of code for reuse through InfoConnect support for the Microsoft OLE-based Automation Interface. Once the designated code is wrapped in OLE, developers and third parties can call on the Accessory Manager Session Automation Interface for access to terminal tool objects and connection tool objects.

Customizable QuickPad. Invoke actions such as sending keystrokes to the host, running a macro, or launching an application—just by clicking a button, icon, bitmap, or other graphical element in a convenient onscreen window. QuickPad is ideal for automating hard-to-remember tasks, streamlining routinely repeated tasks, and exercising mouse commands instead of using the keyboard.

Split Screen. Deliver multiple views in a single terminal session. As many as nine views are supported over a single terminal address.

Fully Leverage Microsoft Windows Platforms
InfoConnect is compatible with Windows 8.1, Windows 7, and Windows Server 2012, as well as earlier versions of Windows. It takes advantage of the new Windows capabilities, including application self-repair, roaming user profiles, and power-management features.

Customize Installation Configurations with Ease
InfoConnect custom installation capabilities allow administrators to modify the configurable installation and default User Interface parameters. No programming expertise is required, and configuration time is cut dramatically. By fully customizing installations, you ensure desktop uptime, increase productivity, and save costs. InfoConnect can also be preconfigured for installation into common use environments, such as CUTE (Common Use Terminal Equipment).

Secure Your Sensitive Data
Unsecured macros are risky. They can allow users to easily record and share sensitive data like sign-on credentials and payment information. But with InfoConnect, macro encryption prevents private data stored in InfoConnect macros—including macros you’ve already created—from being tampered with or compromised.

Add an Extra Layer of Security in Front of the Host
Integration with the Reflection Security Gateway (RSG) add-on allows you to add an extra layer of security to your legacy applications without making any changes to your host systems. With RSG, you can centrally deploy and manage settings and macros, and protect your host against unauthorized users—from both inside and outside the network. RSG includes:

Reflection Management Server, which allows you to deploy and manage session files such as macros, keyboard maps, and Quick Pads from a central location.

Reflection Security Proxy, which stops intruders by verifying digital signatures using public key cryptography before passing a connection through to the host.

Reflection Metering Server, which allows you to easily monitor application usage across your network.

Ease Administration with Terminal ID Resource Management
InfoConnect is compatible with the powerful ID management tools Reflection Security Gateway and InfoConnect Airlines Gateway. With these tools, you can centrally manage host session Terminal IDs for ALC/TPF, Unisys, and IBM 3270 and 5250 host connections. Central management is ideal for remote or occasional users.

InfoConnect ID management allows you to allocate Terminal IDs on demand and only when required. ID management can pool Terminal IDs, conserving Terminal ID resources and reducing operating expenses. If a fee is associated with each terminal session, address pooling further extends costs savings by enabling a population of emulation clients to share a limited number of Terminal IDs.
**Take Advantage of Robust Development Tools**

We provide a suite of development tools to facilitate application development. These tools help put a new face on legacy applications, rewrite host applications with complete functionality, or anything in between:

- **InfoConnect Automation Developer’s Kit (ADK).** ADK provides two methods of development using screen-based (terminal) data. The first, based on the industry standard HLLAPI, is InfoConnect High Level Language Application Program Interface (IHLLAPI) for ALC, UT3, 3270, 5250, and VT environments (a superset of EIHLLAPI and WinHLLAPI). ADK can reformat terminal information for use in graphical front-end applications that accommodate HLLAPI, ADK also supports the OLE automation interface.

- **InfoConnect OLE Custom Control (OCX).** OCX enables programmers to write Windows applications that use the InfoConnect communications infrastructure. OCX is a dynamic link library that links host data to front-end applications during development. InfoConnect OCX pulls data directly from the host data stream into any OLE-compliant front-end application. InfoConnect OCX can also be used to extract data into customized front-ends written in Visual Basic and Visual C++.

- **InfoConnect Developer’s Kit (IDK).** IDK lets developers write new applications and accessories not provided by the traditional terminal interface. This transport-level kit provides the tools to develop applications using the Accessory Application Program Interface (AAP), a standard set of application integration calls for the InfoConnect architecture. Developers can develop custom applications that directly access the host data stream.

**Manage Communication for Networked PCs**

Also available is the InfoConnect Airlines Gateway, an efficient, economical solution to connect IBM-compatible PCs, a LAN, a WAN, or an intranet to one or more TPF/ALCS mainframes—including WorldSpan, Amadeus, Sabre, EDS Shares, and Apollo/Galileo. It improves access via a single gateway using TCP/IP, and manages communication for networked PCs running:

- InfoConnect Enterprise Edition for Airlines
- Reflection® for the Web Airlines Edition
- Verastream® SDK for Unisys and Airlines

**Get Flexible, Multihost Printing with PTR**

For printing needs, the InfoConnect Enterprise Edition for Airlines Print and Transaction Router (PTR) is flexible print delivery software designed for multidevice networks. PTR provides bi-directional print delivery messaging and printer support for complex airline environments.

**Installation, Configuration, and Maintenance Services**

The InfoConnect package can include on-site installation and configuration services to ensure your project gets up to speed—without wasting internal engineering resources.
About Micro Focus
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