

Equitrac Express 5.1 Software Suite

Equitrac Express Software Suite	Applications
Equitrac Express Suite	Any size network with single or multiple accounting and/or print servers
Equitrac Express Small Campus Edition (SCE)	Small and medium size schools or libraries with single print server

Equitrac Express Features	Standard ²	Optional
Document Output Tracking		
Print tracking for all printer types (using Windows Print Drivers)	✓	
Utilization tracking: Devices, Users, Departments and Billing Codes	✓	
Secure Document Release and Follow-You Printing®	✓	
Follow-You document release across print servers	✓ ⁵	
Delegate printing	✓	
Device manufacturer embedded interfaces		✓
Per minute and per page for fax costing through embedded interfaces		✓
Copy tracking with PageCounter terminals and embedded interfaces	✓	
Support for Windows® print servers and OES2 iPrint servers	✓	
Simplified installation with Windows printer conversion wizard	✓	
Macintosh® support	✓	
Offline terminal data collection	✓	
Client Tools		
Support for unattended push client installations	✓	
Workstation Client		
Client Billing print popup for Windows and Macintosh		✓ ⁴
Client Billing print popup for iPrint		✓ ⁴
Client Billing opt-out on a per printer basis		✓ ⁴
Equitrac message client for print notifications	✓	
Serverless Follow-You Printing		✓ ⁴
LPTx, USB, Direct IP print tracking		✓ ⁴
On-line authentications (internal, native OS or LDAP)		✓ ⁴
Document cost preview		✓ ⁴
Send To print distribution		✓ ⁴
Interactive print rule popup		✓ ⁴
Print Assistant		
On-line authentication (internal, native OS or LDAP)		✓ ⁴
Document cost preview		✓ ⁴
Display account balance		✓ ⁴
Release Key for personal job queuing and anonymous user support		✓ ⁴
Rename job		✓ ⁴

Equitrac Express Features (continued)	Standard²	Optional
Enterprise Solution		
Multiple and heterogeneous print server support		✓ ⁵
Terminal Services compatibility	✓	
Rules-based print job handling and least-cost routing	✓	
Rules-based monochrome and duplex printing enforcement	✓	
Reporting Uplink License for aggregate enterprise reporting	✓ ⁵	
Windows Server 2008, 2008 R2, 2012 cluster support (no 2012 DRE cluster)		✓ ⁵
Virtual server support	✓ ⁶	
SSL encryption for server communication	✓	
Management Tools		
Accounts Management		
Users, departments and billing code administration	✓	
Color quota account limits	✓	
Minimum account balance limits	✓	
Remote accounts management	✓	
Automatic account creation	✓	
Automatic guest account creation	✓	
Native OS and LDAP authentication	✓	
Account synchronization with Active Directory, AD LDS, LDAP, and NDS eDirectory	✓ ¹²	
Cashier application	✓	
Account deposit through Deposit Station with value card readers		✓
Account deposit with Pay Station Deposit Center		✓
Personal account statement	✓	
Department manager security role	✓	
Web-enabled PIN reset and personal account statement	✓	
Certified with Blackboard transaction system		✓ ⁵
Certified with CBord Odyssey PCS and CBord CS Gold		✓ ⁵
Release Station workstation application		✓
Reporting		
Summary, detailed and total activity reports by user, department, billing	✓	
Account listings	✓	
Personalized and standard templates for report	✓	
Report preview	✓	
Report export for offline analysis	✓	
Print by account or full report	✓	
Remote report access	✓	
Report distribution capability	✓	

Equitrac Express Features (continued)	Standard²	Optional
Report event scheduling	✓	
Queued document status reports	✓	
Device fault status reports	✓	
System & Configuration and Pricing Management		
User-, department-, or client-based charging	✓	
Pricing by page and print attributes	✓	
Comprehensive price list configuration	✓	
Account-based discounts / surcharges	✓	
Time- and day-of-week-based discounts / surcharges	✓	
Dual Pricing for tracking two charging streams	✓	
Flexible decimal support (up to 5 decimals)	✓	
Intelligent defaults for configuration	✓	
Device logical grouping capability for configuration	✓	
Remote configuration management	✓	
Event Scheduling	✓	
System diagnostics	✓	
Add Equitrac Printer Configuration wizard	✓	
Automatic printer model detection	✓	
Print Queue Viewer	✓	
EQCmd - command line tool	✓	
Device Monitoring		
Device fault tracking	✓	
Detailed properties	✓	
Historical status reporting	✓	
Automatic job routing	✓	
Terminals		
PageCounter local cache for offline copy control and tracking	✓	
PageCounter account declining balance	✓	
PageCounter job cost viewing	✓	
Automated PageCounter configuration	✓	
Numeric and alpha-numeric login and PIN support	✓	
Legacy XCP and PageControl Station terminal support	✓	
Magstripe, Mifare/iCLASS, Legic, HID, Indala, HITAG, and EM Marin	✓	
Campus Card system support	✓ ⁵	
PIN reset at PageCounter	✓	
User account balance preview through PageCounter	✓	
Declining balance review through PageCounter	✓	



Technical Specification Data¹

Equitrac Express Features (continued)	Standard²	Optional
User Interface		
English, French, Italian, German, Portuguese (Brazil), and Spanish support	✓	
Customizable notification messages	✓	
Enhanced Print Assistant user interface	✓	
Customizable Release Station user interface	✓	
Filtering and search capabilities and administrative console	✓	
Low account balance warnings	✓	
Account balance access in workstation tooltray	✓	
Display transactions as pages or currency	✓	
Web-based User Dashboard		
View account balance and color quota	✓	
View and delete held print jobs	✓	
Manage PINs	✓	
Set default print billing code	✓	
Transfer funds	✓	
View campus card balance	✓	

Equitrac Express System Requirements

Server Components	Software Platforms	Minimum Hardware Platforms ⁸
Core Accounting Server (CAS) Device Control Engine (DCE) Device Monitoring Engine (DME) Scan Processing Engine (SPE)	<ul style="list-style-type: none"> Windows Server³ 2008 (x86 or x64)^{9,11} Windows Server³ 2008 R2 (x64)^{9,11} Windows Server³ 2012 (x64)⁹ Windows Small Business Server 2011 Essentials/Standard 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater
Core Accounting Server (CAS) <i>Database</i>	<ul style="list-style-type: none"> Microsoft SQL Server³ 2008, 2008 R2, 2012 Microsoft SQL Server³ 2008 Express, 2008 R2 Express, 2012 Express Oracle^{®3} 11g, 11g R2 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater Hard disk: 2.2 GB required for SQL Server 2012
Core Accounting Server (CAS) Device Control Engine (DCE) Device Monitoring Engine (DME) <i>Cluster Server</i>	<ul style="list-style-type: none"> Windows 2008, 2008 R2, 2012 cluster¹¹ 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater
Document Routing Engine (DRE) Print Server <i>with Rules and Routing or Secure Document Release</i>	<ul style="list-style-type: none"> Windows Server³ 2008 (x86, x64)^{9,11}, 2008 R2 (x64)^{9,11}, 2012 (x86 or x64)⁹ Windows Small Business Server 2011 Essentials/Standard SUSE Linux 10 SP4 OES2 SP3 iPrint (x86, x64)⁹ 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater + allocation for print jobs
Document Routing Engine (DRE) Print Server <i>Cluster server</i>	<ul style="list-style-type: none"> Windows 2008, 2008 R2 cluster <p>Note: Windows 2012 cluster not supported on DRE</p>	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater + allocation for print jobs
Device Web Service (DWS)	<ul style="list-style-type: none"> Windows Server³ 2008 (x64)^{9,11} Windows Server³ 2008 R2 (x64)^{9,11} Windows Server³ 2012 (x64)⁹ <p>Note: DWS is not supported on 32-bit systems</p>	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater + 2 GB dedicated to DWS Hard disk: 1 GB or greater
Web Client	<ul style="list-style-type: none"> Windows Server³ 2008 (x86 or x64 with IIS 7.0 and .NET 4.0 SP1)^{9,11} Windows Server³ 2008 R2 (x64 with IIS 7.5 and .NET 4.0 SP1)^{9,11} Windows Server³ 2012 (x86 or x64 with IIS 8.0 and .NET 4.5)⁹ Import an SSL certificate⁷ and use the HTTPS protocol (recommended) 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater

Equitrac Express System Requirements (continued)

Management Tools	Software Platforms	Minimum Hardware Platforms ⁸
System Manager Accounts Manager Department Manager Reports Manager Release Station Device Monitoring Console	<ul style="list-style-type: none"> Windows Server³ 2008 (x86, x64)^{9,11}, 2008 R2 (x64)^{9,11}, 2012 (x64)⁹ Windows Small Business Server 2011 Essentials/Standard Windows Vista Business/Enterprise/Ultimate (x86, x64)⁹ Windows 7 Professional/Enterprise/Ultimate (x86, x64)⁹ Windows 8 Professional/Enterprise (x86, x64)⁹ 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 50MB or greater
Web System Manager	<ul style="list-style-type: none"> Windows Server³ 2008 (x86 or x64 with IIS 7.0 and .NET 4.0 SP1)^{9,11} Windows Server³ 2008 R2 (x64 with IIS 7.5 and .NET 4.0 SP1)^{9,11} Windows Server³ 2012 (x86 or x64 with IIS 8.0 and .NET 4.5)⁹ Latest browser versions for Google Chrome, Mozilla Firefox and Safari. Internet Explorer (v8, 9, 10) with JavaScript and cookies enabled 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater
Web Deposit	<ul style="list-style-type: none"> Windows Server³ 2008 (x86, x64 with IIS 7.0 and .NET 4.0 SP1)^{9,11} Windows Server³ 2008 R2 (x64 with IIS 7.5 and .NET 4.0 SP1)^{9,11} Windows Server³ 2012 (x64 with IIS 8.0 and .NET 4.5)⁹ Latest browser versions for Google Chrome, Mozilla Firefox and Safari. Internet Explorer (v8, v9, v10) with JavaScript and cookies enabled Equitrac Express External Data Connector license for each server offering Web Deposit services SQL Server 2008 / SQL Server 2008 Express SQL Server 2012 / SQL Server 2012 Express 	<ul style="list-style-type: none"> Processor: 2 GHz or greater Memory: 2 GB or greater Hard disk: 1 GB or greater

Equitrac Express System Requirements (continued)

Client Tools	Software Platforms	Minimum Hardware Platforms ⁸
Workstation Client Print Assistant	<ul style="list-style-type: none"> • Windows Vista business/Enterprise/Ultimate (x86, x64)⁹ • Windows 7 Professional/Enterprise/Ultimate (x86, x64)⁹ • Windows 8 Professional/Enterprise (x86, x64)⁹ • Citrix® /Terminal Server¹⁰ • Macintosh OS 10.4 to 10.8 	<ul style="list-style-type: none"> • Processor: 2 GHz or greater • Memory: 2 GB or greater • Hard disk: 50MB or greater
Scan Client	<ul style="list-style-type: none"> • Windows Server³ 2008 (x86 or x64 with IIS 7.0 and .NET 4.0 SP1)^{9,11} • Windows Server³ 2008 R2 (x64 with IIS 7.5 and .NET 4.0 SP1)^{9,11} • Windows Server³ 2012 (x86 or x64 with IIS 8.0 and .NET 4.5)⁹ • Latest browser versions for Google Chrome, Mozilla Firefox and Safari. Internet Explorer (v8, 9, 10) with JavaScript and cookies enabled 	<ul style="list-style-type: none"> • Processor: 2 GHz or greater • Memory: 2 GB or greater • Hard disk: 1 GB or greater

Notes

1. Applies to new customers installing the latest version.
2. Standard and optional features apply to both Equitrac Express 5.1 Suite and SCE, unless otherwise noted. SCE is limited to scalability for some optional features. Consult your account representative for details.
3. Users/Site Network Administrators are responsible for securing Microsoft Client Access Licenses (CAL) as required.
4. SCE is pre-bundled with 10 workstation clients and 10 sets of Print Assistant.
5. Feature not available for SCE.
6. Equitrac Express is fully supported on all hardware platforms compatible with Windows Server 2008, 2008 R2 and 2012. The use of Express under virtualization environments such as Virtual Server or VMWare is generally supported and is fully expected to work correctly, as long as such environments fully support the server operating system (e.g. Windows Server 2008), as Equitrac Express does not make any assumptions about the underlying hardware platform. Care must be taken when configuring the virtual environment to ensure adequate CPU and memory resources are available to the systems running the Equitrac solution. If adequate resources are not defined or available there can be an impact on performance. Consult your account representative for details.
7. The default communication between the Client web browser and the IIS server is unencrypted, therefore, Equitrac strongly recommends implementing Secure Socket Layer (SSL) security on the IIS server to ensure that all communication between client web browser and the IIS server is encrypted and secure. Purchase an SSL certificate from a trusted Certificate Authority (CA), and install it on the IIS server. The CA can be a locally implemented Microsoft Enterprise CA or a third party CA. Refer to your certificate provider's documentation for complete installation and deployment.
8. This column indicates minimum hardware requirements only; high printing volumes and/or large installations will require substantially higher performance hardware.
9. x86 refers to 32-bit architecture; x64 refers to 64-bit architecture (IA64 chip set is not supported).
10. Tracking Direct IP Printing via DRC is not supported on Citrix/Terminal Server.
11. Windows Server 2008 Server Core is not supported.
12. Active Directory Lightweight Directory Services (AD LDS) synchronization is supported under certain conditions. Please refer to Microsoft TechNote entitled "Synchronize with Active Directory Domain Services" ([http://technet.microsoft.com/en-us/library/cc794836\(VS.10\).aspx](http://technet.microsoft.com/en-us/library/cc794836(VS.10).aspx)) for further information.

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