Canaveral iQ™ End-User Experience

Provisioning applications to appear in a familiar format

Tech note

Abstract

This paper examines how Canaveral iQ provides the end user with a seamless desktop experience that emulates the "fat client" experience. Additionally, it examines how Canaveral accommodates file management on the end-user's PC and how it accommodates local printing, a notoriously problematic issue in server-based computing.

New Moon Systems™

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Contents

Overview **1**

Seamless end-user experience 1

Features and Benefits **2**

New Moon Systems and Canaveral iQ **4**

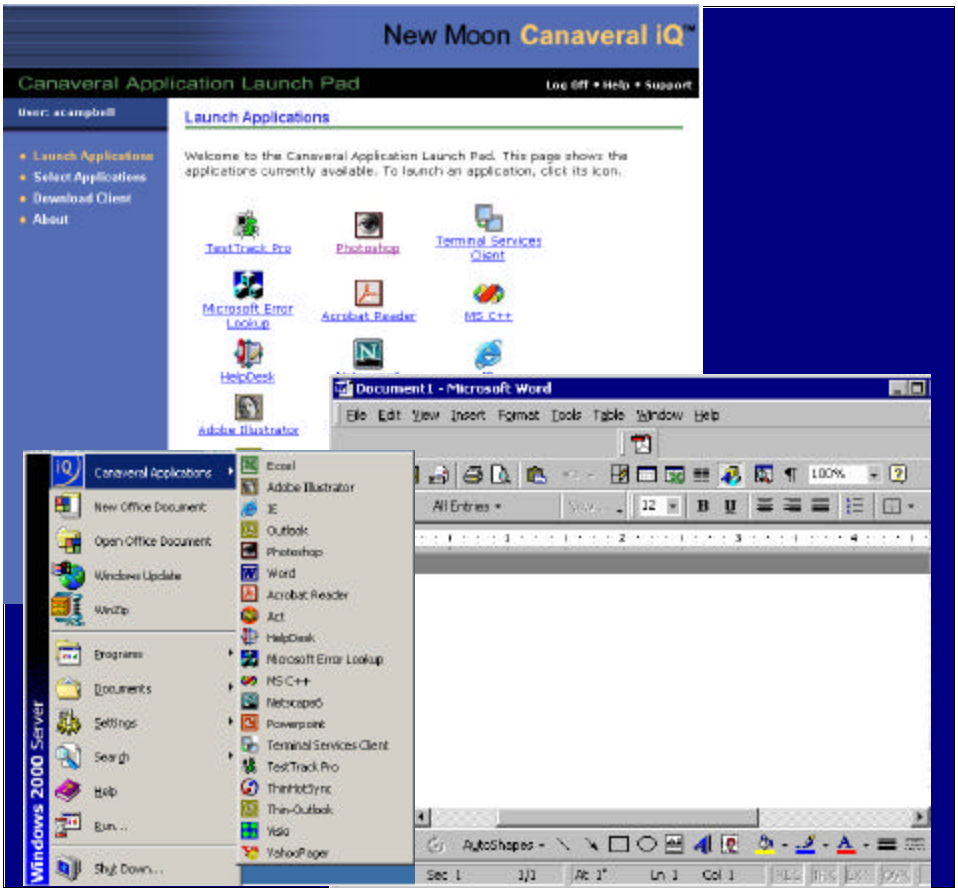
About New Moon Systems 4

About New Moon Canaveral iQ 4

Other sources of information 4

Overview

Canaveral iQ gives the end user a seamless desktop experience, emulating “fat client” performance as closely as possible. Local printing, a notoriously problematic issue in server-based computing, is solved by New Moon’s local and network printing solution. Local file saving can also be configured on or off for end-user flexibility. Features such as simple, single log-on, application launching through automatically generated desktop shortcuts, copy and paste between local and server-based applications and seamless windows all add up to give the user the best possible server-based computing experience.



Graphical User Interface for the Canaveral iQ Console

Seamless end-user experience

Applications run in "seamless windows" and access local drives and printers as if they were launched from a local personal computer.

Features and Benefits

Feature	Description	Benefit
Local server and network printing support	Enables the capability to use network and local printers	Printing flexibility at anytime any place
Local file saving configurable on/off	Seamless user experience to save/load files and data	Adds flexibility, simplifies operation for a remote user
Seamless windows without WTS frame	More user-friendly application presentation	Reduces confusion, adaptation to SBC is quicker, application focus is continuous
Applications launched through desktop shortcuts, Windows start menu or browser	Multiple ways to access applications published to the end user	Adds the flexibility to use the best device or method for various environments
Auto download and version control of client	If New Moon client software is outdated the new version is automatically downloaded	No need for third party application publication tools
Automatic log on or pass through authentication	End user only logs on once	Only prompts the end user once for the credentials and then passes those through
Existing session disconnect/reconnect	Give the user the possibility to disconnect from a session and to reconnect to it later	Adds flexibility and persistence; e.g. network connections could fail, but session data can be saved for a reconnect
Client network drives support configurable on/off	Enables the systems administrator to disable access to client drives	System policy and rules can be implemented as defined
Client default-printer support	Identifies the client printer as the default printer for a WTS session	Adds flexibility for an end user who needs a local printer
Network connectivity: LAN, WAN, ISDN, ADSL, SDSL, X.25, Frame, T-1, DS3, OC3	All protocols supported by the operating system to establish a connection to a ISP are supported by the layer above	Offers the benefit of low bandwidth by using RDP with Canaveral iQ, the flexibility to use various connections to the Internet

Feature	Description	Benefit
VPN support	Virtual Private Network channels are supported	Treats a remote client as a local client in a virtual secured channel
Client operating systems: NT4.0, Windows95, Windows98, windows2000, Windows ME	Windows32 operating systems are all fully supported	Canaveral iQ is presented to the end user on all supported OS consistently: application launch possibilities, printing, drive mapping
System Beeps	Panic messages from applications or OS	Lets the end user know acoustically that a step was wrong
LPT Port re-direction (port is not redirected)	Redirects the client LPT port on a WTS back to the client. No port redirection	The ability to use the local LPT port for devices e.g. printers. Printing support is not due to port redirection, we redirect the actual print job from the server to the client in an EMF format
Bitmap Caching	Since only “bitmap’s” are transmitted they can be cached to reduce the amount of data sent to the client	Enhances network performance especially over slow links
Clipboard between server and client	“Copy and Paste” from a local application to remote application	Work efficiency and eases the work with remote applications over various servers
Clipboard between Client sessions	Various applications can run from different servers but still share data by way of the clipboard	Flexible copy and pasting between sessions.

New Moon Systems and Canaveral iQ

About New Moon Systems

Founded in 1995, New Moon Systems combines systems software expertise with practical experience in managing and operating mission-critical data centres. New Moon is quickly becoming a leader in software platforms and systems that enable enterprises and service providers to successfully deploy and manage server-based computing.

About New Moon Canaveral iQ

New Moon Canaveral iQ makes central deployment and management of server-based Windows applications simple, intelligent, and cost effective. Serving both enterprises and service providers, Canaveral iQ increases the efficiency of IT operations and improves business performance.

Other sources of information

You can find more information, as follows:

Source	Availability
New Moon Systems Inc.	+1-408-296-8500
New Moon Technical Support Center	+1-408-248-7400
New Moon Sales Support Center	+1-888-672-4866
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