

## Thank you for completing the verification form.

Please take a moment to review your test results below. Also, please select the version of Citrix product(s) that you have verified your product with.

XenApp

XenDesktop \*

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### Product overview

**Citrix product**

XenDesktop

**Product name**

Print Chaser

**Product type**

Printing Solutions

**Summary**

Print Chaser tracks printouts using watermarking and log management. Furthermore, printing of documents containing personal information is blocked to prevent personal data leakage through printouts.

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### Features and Documentation

**Describe your product in detail**

Url: <http://211.238.33.10/candyit/printchaser2016.pdf> (<http://211.238.33.10/candyit/printchaser2016.pdf>)

**1. Product outline:**

Compatible with all applications and printer drivers, the integrated printout management solution provides watermark insertions, personal information detection and print control, and toner reduction effects. All printouts are supervised and protected from leakage by saving and managing print logs and images of the original copies. Printing costs are also effectively cut through printout assets management and toner reduction.

**2. Characteristics and Strong Points**

**1) Printout Control & Management Supported for All Applications**

The printing framework control based system supports saving of print logs and text/image of original copy, watermarking, and toner reduction for printing on all PC application without a virtual driver installation.

**2) Supports All Printers & Drivers**

Supports all printer types and all printer drivers including PCL and PS (Post Script), HPGL, virtual printer driver(Fine Print), etc.Supports plotters for printing blueprints by using PS and HPGL printer driver

**3) Watermark Supported for Off-Line Printouts &electronic Files Including PDF, HPGL, etc.**

Watermarking supported not just for off-line printouts but also for electronic files such as PDF and HPGL formats.Grid watermarking and user customized watermarking supported.

**4) Role –Based Watermark/Toner Reduction Policies and Monitoring Tools Supported**

By providing various profile-based watermark policies and design functions, clients can apply policies that best suit their business environment.A flexible but strong Adobe Flex Web-based monitoring management tool, adaptable to all users, groups, or printer models, is provided to allow easier and more convenient printout monitoring and assets management.

**5) Printout Personal Information Control**

Functions supported when printout contains personal info(ID no., credit card no., cell phone no., etc.) include print blocking, masking, email notification to administrator, print approval, and management of discard

**3. Strong Points**

**Security Applied to Various Printing Environments**

- Applicable to all applications and printing devices using the printer driver method(including (e)Fax).
- Supports Post Script printer driver.
- Supports watermarking for file printing.
- Supports watermarking for HPGL driver.
- Supports watermarking for virtual printers like Fine Print.
- Supports SBC and DRM environment such as MetaFrame.

#### **High Quality Watermark& Toner Reduction**

- Watermark of image, print info, and text info inserted
- Watermark supported for general sizes(A4,A3,A2..), and long sizes (A0 or larger)
- Repetitive watermark insertion
- Document UUID produced and inserted
- 1D, 2D barcodes supported
- Exceptional printing policies applied for each group, user, application, or printer driver□
- Toner reduction applied according to text, image, and graphic
- Toner reduction statistics provided

#### **Supports Connection with Other Solutions and Additional Security Functions**

- Supports connection with other solutions
- Supports AD environments
- Supports connection with SSO, DRM, DLP
- Supports connection with multifunction copier security management

#### **Print Blocking Print Log Management**

- Offline printing by unauthorized user prevented
- Various print log managed for easy tracking
- Extracting image or text of original copy of printed document
- Offline print log management
- Print blocking and email notification function for printing of documents containing certain keywords or personal information
- Printout assets management by counting printed pages
- Print control through verification of personal information pattern (electronic approval required for printing, management of discard)
- Masking applied to parts of personal information patterns designated by administrator
- Exception handling for each individual, department, IP

#### **What are the Unique features your product?**

##### **1. Print Blocking & Tracing**

- 1) Blocks printing by unauthorized and offline users
- 2) Blocks printing of documents containing security keywords or personal information
- 3) Provides print history log, original image log, and full text extraction
- 4) When a printing pattern different from the authorized user is detected, it is notified to the security manager

##### **2. High-Quality Watermarks**

- 1) Image, text, watermarking provided for various printing(e.g. 2D, QR codes)
- 2) Different watermarking provided according to the user's duty.

##### **3. Security for All Environments**

- 1) Supports a variety of languages (e.g. PCL, PS, HPGL)
- 2) Supports a variety of working environments (e.g. SBC, Cloud)

##### **4. Reduces Printing Costs**

- 1) Software function for reducing use of toner helps cut printing costs
- 2) Provides detailed toner saving options by text, Image, or graphic

#### **List the benefits of integrating your solution with Citrix product?**

Print Chaser supports the VDI environment including Citrix Xen Desktop. Print Chaser provides printout security functions (watermarking, copy image dump, text extract) properly on Xen Desktop VMs.

#### **Provide link(s) to documentation on how to configure your product/solution with Citrix products.**

#### **Provide link(s) to the demonstration videos on how the solution works with Citrix products**

URL 1: <http://311.228.22.10/conduit/Print/Video.ms4> URL 2: <http://311.228.22.10/conduit/Print/Video.ms4> URL 3: <http://311.228.22.10/conduit/Print/Video.ms4>

URL 1: <http://211.238.33.10/candyit/PrintVideo.mp4> (<http://211.238.33.10/candyit/PrintVideo.mp4>)  
URL 2: <http://211.238.33.10/candyit/InstallVideo.mp4> (<http://211.238.33.10/candyit/InstallVideo.mp4>)

Select the industry verticals your application is uniquely positioned for:

Finance,Public Sector,Manufacturing,Services,Technology,Insurance

## System setup

Enter the Printing Solution version

Print Chaser V2.0

Select the supported operating systems

Windows 7

Enter the pre-requisites to install/configure the Printing Solution

PrintChaser Printout Security Server & Client Supported Environment

1. Server

1) OS: Microsoft Windows 2000/2003/2008 Server (32bit / 64bit)

2) DB: MS-SQL 2000/2005/2008 /Oracle/ MySQL

3) Web Browser Compatible to Administrator Web: Microsoft Internet Explorer, FireFox, Opera, Safari, Chrome, Netscape

2. Client

1) OS: Windows XP Home Edition / Professional /Windows Vista / Windows 7 / window 8.0-8.1 (32bit / 64bit)

Select the Virtual Desktop Agent (VDA) operating system that your application is deployed on

Windows 7

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## Test results

Expand All

(Test Case 1) Printing Solution Installation



(Test Case 2) Check Printing Functionality



## Approve Products

- XenApp 7.8
- XenApp 7.6 LTSR
- XenApp 6.5
- XenDesktop 7.8
- XenDesktop 7.6 LTSR
- XenApp 7.9
- XenDesktop 7.9