DISCRETE TECHNOLOGIES

NetDisc™

A DVD and CD

Distribution Application

Introduction to NetDisc

- Enables virtualized DVD and CD product inventory

- Produce products on-demand

- Accepts orders via e-mail in XML format and via intranet web page

- Supports disc sets - produces all discs associated with a single product ID

- Multiple products may be ordered in the same e-mail at once

- Database driven – all aspects of NetDisc are stored in a single database

  - Product table that associates Product IDs with ISO images and labels

  - Jobs table that stores job information such as ordered products, merge files, and production status

Licensing | Updates | Support

- NetDisc is licensed per server (control center)

- Software Assurance & Enhancements (SAE) subscriptions cover updates to software
  - Patches within a major revision (ex.: v1.0 to v1.1)
  - SAE rollover to major version release (ex.: 1.1 to 2.0)
  - Per year SAE pricing based on single unit price per unit purchased
  - Two release targets per year

- SAE purchases include
  - E-mail support for 1 year
  - Software updates

How NetDisc Works

- E-mail orders
  - A dedicated e-mail account is checked at a specified interval
  - When a new message arrives in the proper format, the message is parsed and the order contents placed into the NetDisc database
  - A Rimage communication "thread" inside of NetDisc sends the appropriate job requests from the database to the Rimage system
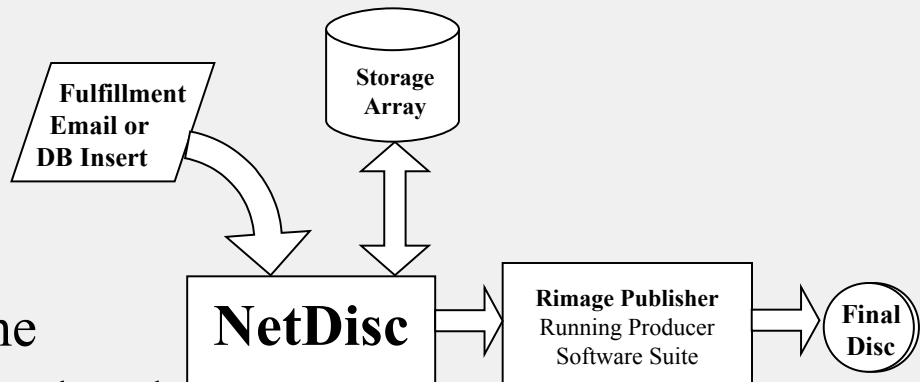
- Intranet web page & direct database orders
  - Orders are submitted directly to the NetDisc database
  - Directly submitted orders are automatically verified and the appropriate job requests are sent to the Rimage system

Fulfillment Email or DB Insert → **NetDisc** ↔ Storage Array → **Rimage Publisher** Running Producer Software Suite → **Final Disc**

Virtual Products

- NetDisc features a product database manager

- Products are stored as ISO or UDF disc images on a direct-attached or network storage device

- Label templates are pre-made in CD Designer
  - NetDisc outputs a product's title and disc number (for disc sets) as merge fields for fixed label templates

- Products are only available to order after being defined

Server Requirements

- Must be installed on Rimage Control Center

- Windows 2000, XP

- 5MB free disk space for program files

- Rimage System running software version 7.0 and above

- IIS (Internet Information Services) Installed for optional Intranet Web Interface (see Windows documentation, IIS is included on Windows install disc)

Installation and Registration

- Run Setup.exe and follow prompts

- On first run, a prompt for Registration will appear. Product may be used for up to 30 days without registration

- Click on *Generate* and e-mail the displayed code to *activation@discretetech.com*. Place the serial number from the disc holder in the subject line of the message

- An activation code will be e-mailed as a reply. Paste the activation code into the lower window and click *Activate*

Register NetDisc

Generate request code

Press "Generate" to get your request code

Generate

```
<GTGIRegFile Type="Request">
<FileID>pJgc/0nbGLMFcngrApHNkQER53C1qc7HxuIb8MAJ3Pk=</FileID>
<RegData>+n9TJBcCeCztErXB1emBZnbf7qFVdmGkzIcNjfGsFbN6u5LTaF+jGqy6GFgfZ
</GTGIRegFile>
```

Email or FAX this request block to Discrete with your name and contact info to register NetDisc.   Copy to Clipboard

Enter activation code

Paste activation code here and press "Activate"

Paste from Clipboard   Activate

Close

Configuration - Part 1

- Start NetDisc and click *Configuration*

- *C:\NetDisc* is used to store the *database* and *log* files

- *Retrieve emailed orders* enables e-mail order taking – enter the server and account information below the option when checked

- *SMTP server settings* can be used to forward rejected emails and error status to an Administrator – enter server name and email addresses here

Configuration - Part 2

- *Rimage messaging settings* defines Rimage options

- *eMS server name* is always *localhost*

- *Client ID* is the name NetDisc uses to identify itself when sending a Rimage job – helpful for job identification in multi-application environments

- *Path to Rimage folder* is auto-detected on installation. This contains the UNC path to the *Rimage* folder on the Control Center

- *Use round-robin collation* will alternate incoming orders between transporters attached to the same Control Center *in their entirety*, rather than split orders evenly between transporters

Populate Product Table

- Click *Products* on the main screen

- Click *Add Product*

- Enter a *Product ID*. This must be unique, and is used to identify the product

- Enter a *Disc ID*. For a Product ID that has more than one disc, enter the same Product ID and increment the Disc ID

- Enter a disc *Title*. This will be passed to a merge field on the disc label

- Select the *Product Type* (CD, DVD, DVD-DualLayer)

- Select the *Image File* and *Label File* associated with the product

- Click *OK* to save product table changes

Label Setup

- NetDisc includes sample CD Designer labels, located in the Program Files folder
  C:\Program Files\Discrete Technologies\NetDisc for Windows

- Two sample labels are provided - One for Everest and one for Prism

- Sample labels are already set up to receive input from a NetDisc merge file

- When customizing a label template, select *File > Save As* to avoid overwriting the original template
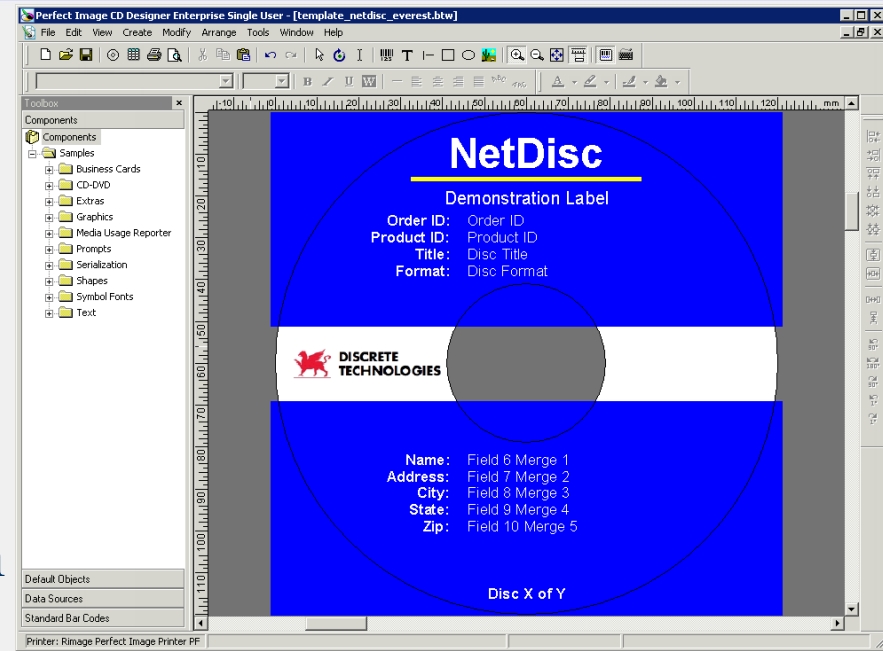
Using E-Mail for Orders

- Open *Configuration* and enable the *Retrieve emailed orders* option. Enter the e-mail account and server information. Only *POP3* servers are supported at this time

- NetDisc uses XML-based e-mail messages

- Messages should be sent in plain-text mode

- Messages may hold up to 5 custom merge fields that are passed on to the disc label

- Up to 64 products may be ordered per message

- Number of copies may be specified per-product

Sample E-Mail Order Format

- E-mail XML sample:

```
<!DOCTYPE NetDiscOrder SYSTEM "C:\NetDisc\NetDiscOrder_12.dtd">
<NetDiscOrder OrderId="yourorderid">
    <MergeField FieldNum="1">Joe Consumer</MergeField>
    <MergeField FieldNum="2">12345 Maple Ct</MergeField>
    <MergeField FieldNum="3">Suite 999</MergeField>
    <MergeField FieldNum="4">Anywhere, ZZ 12345</MergeField>
    <MergeField FieldNum="5">COUNTRY</MergeField>
    <Product>yourproduct1</Product>
    <Product Copies="2">yourproduct2</Product>
</NetDiscOrder>
```

- This sample contains an order for *Joe Consumer*. He has ordered one copy of *yourproduct1* and two copies of *yourproduct2*

- The information in the five merge fields shown is passed out to the merge file used for printing the disc label

Using the Web Interface

- Once installed, the Web interface allows order entry and displays order status

- Open a web browser and go to the computer's hostname or IP address – the interface is installed in the /netdisc directory
  `<http://hostname/netdisc>`

- System status is shown on the main page

- *Products* and *Config* may only be viewed and cannot be changed from the web interface
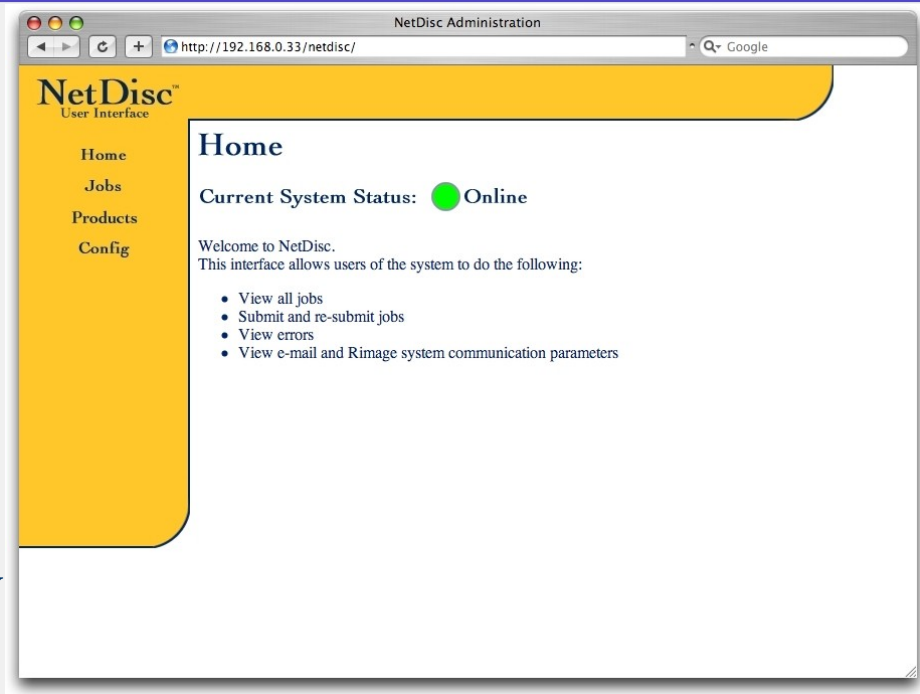
Integration Notes

- The log file *C:\NetDisc\NetDisc.log* contains valuable information

  – The log file is plain text and well formatted for easy parsing by an external application

  – Order status is always reported in the log

  – Rejected e-mail messages are posted in the log for debugging integration issues

- NetDisc uses a Microsoft Access compatible database. Many data points can be retrieved from the database using Access and a custom-designed report

Thank You

For more information please visit our website

www.discretetech.com