



# OCS Inc

## Systems for Libraries

- Self Service – computer print vending with a coin & bill –op,
- Copier Vending System

# OVERVIEW

Controlling printing or charging for printing has become an imperative in the library setting. Using OCS print station software will reduce wasteful printing and allow the library patron to print and pay for printing in a self service manner.

One method common in colleges for 30 years is the use of a prepaid debit card. VendaCard systems (trademarked by XCP in the early 80s) use a store balance card, a card dispenser, a card reader/writer at the copier or print station and an over the counter key pad.

# Contactless Debit Cards

Debit cards used in colleges for the last 30 years incorporated a magnetic stripe and a motorized card reader/writer. The card is re-encoded on each use. This is highly mechanical and the terminals require cleaning and maintenance. Card errors could cause a loss of data and losing the value the patron/student has is a customer service issue that can be avoided.

The systems offered today use a contactless card 'proximity card' with a non motorized reader. This provided reliability both with the card and with the reader – that is virtually maintenance free.

The HID card format and card system used in our system has become a standard for many proximity card systems – for both vending and ID/security .

# Components of our Debit System



Card Dispenser Encoder

@ \$1495.00

Note: credit card option  
pictured is additional/optional



Card Terminal and Card

@ \$695.00 and \$1.35

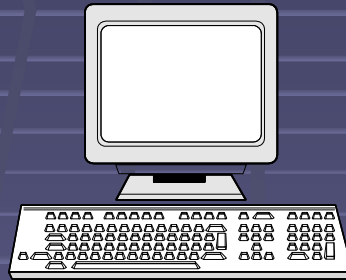
# Coin and Card Combination Unit

- Coins
- Bills
- VendaCards
- optional credit card



# Layout: Printing

Users print from their workstation and go to a central print release station.



PC Print Release Station:  
Card Terminal, Printer



User workstations – all operating systems

# Print *and* Copy use

- A printer can be user – or a copier printer (MFP).
- In this configuration the MFP can be a color and black and white output device
- The MFP can also be used as the *copier* and the *printer (that is what makes it a Multi-Function system)*
- Color and Black out put can be charged at different prices (for COPIES and PRINTS)
- One terminal vends both copies and prints and color and BW all at separate specific price per page.

# What the Patron sees

After the patron clicks on “print” from their application:

The POP- UP shows the cost and allows the user to name the job.

The screenshot shows a dialog box titled "OCS Print Management" with a blue header. The main content area has a dark blue background. At the top, it says "Your Library Name" in yellow. Below that, it says "Go to Release Station to Retrieve Your Print Jobs" in white. There are two lines of information: "Pages 1" and "Cost 0.10". Below this, there is a text input field labeled "Enter Your Name" with a white cursor. Below that, there is a text input field labeled "Document" with the text "Test Page" inside. At the bottom left, there are two buttons: "English" and "Spanish". At the bottom center, there is a "Cancel" button. At the bottom right, there is a "Send to Release Station" button.

OCS Print Management

**"Your Library Name"**

Go to Release Station to Retrieve Your Print Jobs

Pages 1 Cost 0.10

Enter Your Name

Document

English

Spanish

Cancel

Send to Release Station

# Options on Client Screen

The pop up screen is highly configurable.

All text can be editable and foreign language tables are available.

All fields are optional, and may or may not be displayed.

The screenshot shows a window titled "OCS Print Management" with a blue header. Below the header, the text "Your Library Name" is displayed in yellow. Underneath, it says "Go to Release Station to Retrieve Your Print Jobs". The screen shows "Pages 1" and "Cost 0.10". There is an input field labeled "Enter Your Name" and another labeled "Document" containing the text "Test Page". At the bottom left, there are two buttons: "English" and "Spanish". At the bottom center is a "Cancel" button, and at the bottom right is a "Send to Release Station" button.

# for Laptops (wireless separate network)

- Many Libraries offer internet access to patrons with their own laptops... OCS has two methods

1 The OCS FTP client allows these users to install a local printer and receive the same users interface “POPUP” as wired desktop users.

- The Wireless network DOES NOT need to be connected to the main network at all
- OCS uses the internet – via FTP – to send the print job to the server. The release station will list jobs from both desktop and laptops in the same manor.

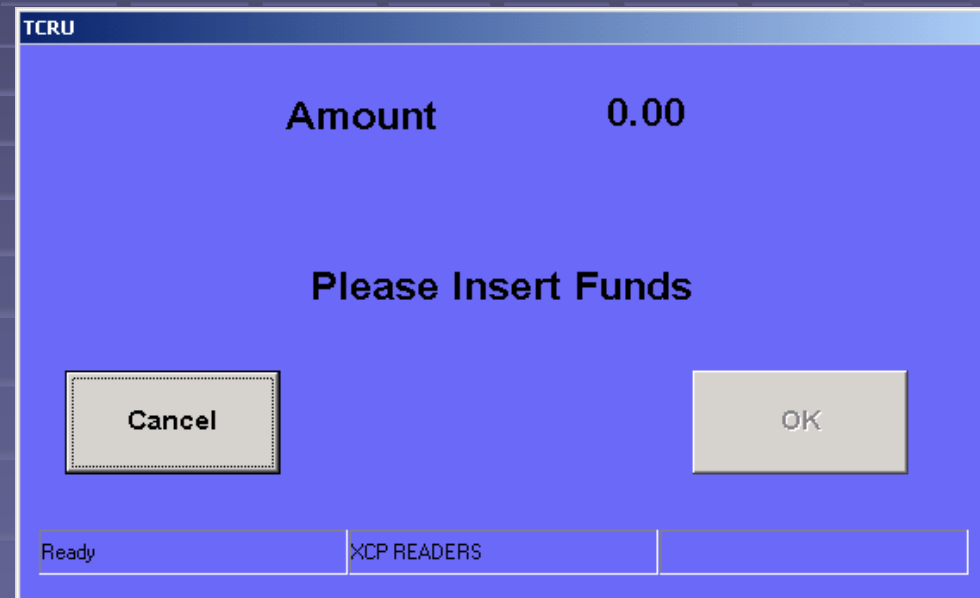
2. The OCS file attachment system; Users go to a web site – log in and then attach a file that they would like to print. The print job will appear at the print release station stations.



# The user confirms payment

After the user selects their job, the system asks them to pay for it.

A Coin/Bill unit is attached to the PC print station via serial connection.



# More information

- The system allows users to send many jobs to the queue – but print only the ‘best source’. This saves a lot of paper
- Unprinted jobs auto delete / settable time-out
- Charge different amount for B&W and Color
- OCS has Multi-Lingual screens – users can select language choice
- Charge different amount for specific web sites or applications
- OCS provides usage reports

# System Requirements

- Windows XP Print release station/print server, 2 gig RAM,
- Client installation requires internet access
- Other print system/options for libraries
  - ON ACCOUNT
  - Web Based – laptop printing
  - Computer Time and reservations
  - Touch Screen Coin op – removes Print Station



# Contact information

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