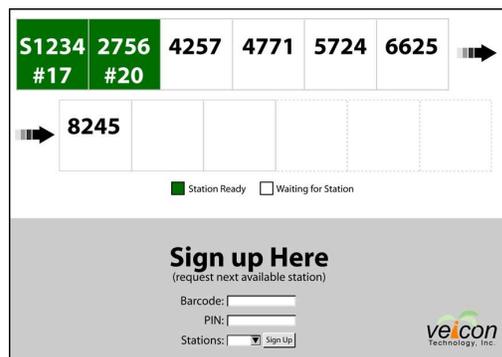


VRMS – Resource Management Solution

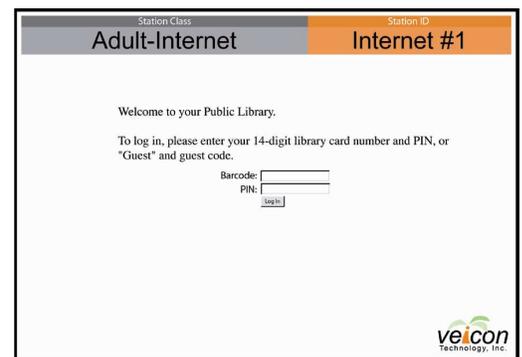
The Veicon VRMS Resource Management Solution combines three of the most requested resource management tools into one easy-to-implement package. VRMS is available for thin-client systems, PC-based systems, and hybrid systems which combine thin clients and PCs.

The VASC Authentication Solution provides authenticated session time management for patron authentication, session time control, and access blocking if required (e.g., abuses of privileges or excessive unpaid fines).

- **VASC Guest Codes** are a standard feature of VASC to provide a low-cost authentication solution for libraries without access to ILS-based authentication. It also provides a convenient way to allow library visitors to use an authenticated system or to accommodate patrons who lose or forget their library card.
- **VASC-RES with Reservation** upgrade adds self-service reservation queuing. Patrons sign up for workstations at a reservation kiosk using their library card number or user name and password (or Guest Codes described above). When a workstation becomes available, the patron is directed to the available workstation where they sign in to claim their reservation.
- **VASC-RES-ATE with Automatic Time Extension** upgrade provides an automatic extension of an active session as “bonus time” if no other patrons are waiting for a workstation (no other reservations in the queue). When a reservation becomes active in the queue, an end-of-session message is issued and the session is ended.
- **VASC-RES-FR with Future Reservations** upgrade allows Library Staff to reserve a specific class of workstation or a group of terminals for future use up to seven (7) days in advance. When the reservation is due, it is entered into the reservation queue and is claimed in the same manner as reservations made at a reservation kiosk.
- **VASC-RES-MLTI with Multiple Instances** upgrade allows multiple instances of VASC-RES to run from a single VASC server (individual VASC-RES kiosks required for each instance). This is of particular importance for installations with multiple branches or for remote locations within a single branch. Each VASC-RES-MLTI instance provides separate reservation queuing and unique guest codes for that location.



Making reservation at reservation kiosk



Claiming reservation at V-Link terminal

V-Filter Content Filtering Solution provides content filtering of Internet sessions based on URLs stored in a database (dedicated filter server required). It comes configured with a standard database of URLs which can be modified to add or remove filtered sites based on local Internet filtering policies.

- **V-Filter with CIPA Compliance** upgrade provides CIPA-compliant filtering for individual terminals in accordance with provisions of the Children’s Internet Protection Act (available

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on thin-client systems only). Individual terminals can be set for CIPA-compliant filtering or no filtering. Provisions are made for staff to override CIPA filtering upon request.

V-Print Print Management Solution provides print management to facilitate print-cost-control with a choice of payment options.

- **V-Print Pop-up** is a standard feature of V-Print that adds password protection to queued print jobs for privacy and security; only the “owner” of a print job can authorize release and printing. The pop-up also shows the number of pages to be printed and the cost of the print job.
- **VRNT-OTC Over-the-counter Print Payment** provides a low-cost print control solution. Patrons send print jobs to the printing queue from their workstation in the normal manner; if the pop-up feature is implemented, the number of pages and cost of the print job is displayed and the patron may add a password to prevent anyone else from releasing their print job. Print jobs are displayed on the print release station screen showing the owner, job name, number of pages, and cost of all print jobs in the print queue. Library staff can release the job for printing after payment. If the patron added a password to the pop-up, this is required to release the job.
- **VRNT-PMNT Self-service Print Payment** upgrade provides self-service payment and print-job release. Patrons send print jobs to the printing queue from their workstation in the normal manner; if the pop-up feature is implemented, the number of pages and cost of the print job is displayed and the patron may add a password to prevent anyone else from releasing their print job. Print jobs are displayed on the print release station screen (a dedicated print release station is required) showing the owner, job name, number of pages, and cost of all print jobs in the print queue. The patron verifies the cost of the print job as shown on the screen, makes the required payment at the associated coin, bill, SVC (stored value card) pay station, and then releases the job for printing at the print release station.



Requirements

In a V-Link-based thin-client system, VRMS is tightly integrated into the overall system with VASC sharing the resources of the V-Link server; a separate thin-client terminal is required to add VASC with Reservations. V-Filter requires a dedicated filter server². V-Print requires a PC-based print release station³ at each point you want patrons to be able to release print jobs. For other thin-client systems, a separate VRMS server is required.

For PC-based implementation, a separate VRMS server¹ is required to run VASC (except when adding PCs to a V-Link thin-client system). A dedicated filter server² is required for V-Filter along with a PC-based print release station³ at each point you want patrons to be able to release print jobs. For hybrid systems that do not contain a V-Link server, a separate VRMS server¹ is required.

¹ Minimum specifications for VRMS server (PC-based systems only): Pentium 4 processor, Windows 2000 Server OS, 512MB memory, 30GB hard disk, 100/1000BaseT network card with static IP address, requires Internet access to VASC-PC Server, no other applications running on VRMS server.

² Minimum specifications for SRV-FLTR: Pentium 4 processor, 512MB memory, 10GB SCSI hard disk (40GB SCSI hard disk required to implement caching for faster response), 10/100BaseT network card with static IP address, remote Internet access to filter server required, hard disk will be reformatted with Linux OS, no other applications running on filter server.

³ Minimum specifications for print release station: Pentium 4 processor, Windows XP-Pro or W2K-Pro OS, 512MB memory, 10GB free disk space, 100/1000BaseT network card w/assigned static IP address, requires Internet access to print release station, print release station may also be used for other functions such as staff station (VPRNT-OTC only).