

1. Client Software Login

The screenshot displays the CMC-PolViewer Login application window. The main interface features a toolbar at the top with icons for file operations, navigation, and help. Below the toolbar is a large data table with the following columns: TRANS ID, DEVICE, REG, TIME, CONTENT, RECORD TIME, REG TIME, and CONTENT. The table is currently empty. A modal dialog box titled "EPR Database login" is centered on the screen, containing fields for Server (missionr.com), Username (nro), and Password (masked with asterisks). It also includes checkboxes for "PSP Connection" and "Save Login Info", and "OK" and "Cancel" buttons. At the bottom of the window, there is a status bar with the text "Total client num: 0 | PSP Disconnected" and "Search filter: OFF | Search limit: 50 | Listed item num: 0". A histogram area shows data for 24 hours (00-23) with the text "Histogram data on 2019-01-31, Search contents: All". A control panel at the bottom right includes buttons for "GET PLAYBACK >>", "<< CLOSE PLAYBACK", "SAVE TRANS RECORD", and "CANCEL", along with a "Check/Install version" link. The Windows taskbar at the bottom shows the system clock as 3:57 PM on 1/31/2019.



2. Search Button

Search criteria: e.g. void, cancel, amount, keywords, date, employee, transaction #.

The screenshot displays the CMC-PosViewer application interface. A search dialog box is open, allowing users to filter transactions based on various criteria. The dialog includes sections for 'Select Device(s) to Search', 'Search by Rules', and 'Conditions'. The 'Conditions' section is currently active, showing options for VOID, CANCEL, NO SALE, and NEG TRANS. There are also input fields for Amount, Employee ID, and Credit/Debit Last 4-digit. The background shows a list of transactions with columns for TRANS ID, DEVICE, REG, TIME, CONTENT, AMOUNT, RECORD TIME, and REG TIME. The bottom of the screen features navigation buttons like 'GET PLAYBACK >>', '<< CLOSE PLAYBACK', 'SAVE TRANS RECORD', and 'CANCEL'. The status bar at the bottom indicates 'Total client num: 1 | PDP Connected' and 'Search filter: ON | Search limit: 50 | Listed item num: 45'.

- A list of criteria matching transactions is generated
- Click on the transaction to see the transaction details and review the video.
- You chose the time by click on the time bar.

The screenshot displays the CMC-PostViewer application window. The main area is a table of transactions with columns for TRANS ID, DEVICE, REG, TIME, CONTENT, AMOUNT, RECORD TIME, REG TIME, CONTENT, and AMOUNT. A transaction with TRANS ID 1327 is highlighted in blue. Below the table is a histogram showing transaction volume over time, with a search filter set to 'voidNotSale/Cancel'. At the bottom, there are buttons for 'GET PLAYBACK', '<< CLOSE PLAYBACK', 'SAVE TRANSACTION', and 'CANCEL'. A status bar at the bottom indicates 'Total client num: 1 | P2P Connected' and 'Results Auto Update: Off'.

TRANS ID	DEVICE	REG	TIME	CONTENT	AMOUNT	RECORD TIME	REG TIME	CONTENT	AMOUNT
1327	Shell_highway6	REG2	01-29-2019 19:43:29	(1327) Voided Item PLU (02000041211) Gatotrade Fruit Punch... -1.99	-1.99	01-29-2019 19:43:07	29-Jan-2019 07:41:53 PM	(1267) Begin Sale Op # 3	0.00
1279	Shell_highway6	REG2	01-29-2019 20:09:20	(1279) Item: PLU (8129402020) Cancelled.	0.00	01-29-2019 19:43:07	29-Jan-2019 07:41:53 PM	(1267) Added Item PLU (07000027055) SK Lemonade NCRB \$1.79	1.79
1318	Shell_highway6	REG2	01-29-2019 21:40:52	(1318) Voided Item PLU (02010005752) Newport Short -513.66	-13.66	01-29-2019 19:43:09	29-Jan-2019 07:41:55 PM	(1267) Added Item PLU (07000031702) SK Strawberry CRB \$1.79	1.79
1327	Shell_highway6	REG2	01-29-2019 22:00:00	(1327) Item: PLU (81300073261) Cancelled.	0.00	01-29-2019 19:43:16	29-Jan-2019 07:42:02 PM	(1267) Added Item PLU (04000002001) Fanta Pine Apple 20 Fl. S.	1.79
1327	Shell_highway6	REG2	01-29-2019 22:00:09	(1327) Item: PLU (81300073261) Cancelled.	0.00	01-29-2019 19:43:18	29-Jan-2019 07:42:04 PM	(1267) Added Item PLU (04000002001) Fanta Pine Apple 20 Fl. S.	0.43
1341	Shell_highway6	REG2	01-29-2019 23:24:09	(1341) Item: PLU (132294) Cancelled.	0.00	01-29-2019 19:43:19	29-Jan-2019 07:42:05 PM	(1267) Added Item PLU (02000041211) Gatotrade Fruit Punch 24.	1.99
1342	Shell_highway6	REG2	01-29-2019 23:24:03	(1342) Item: PLU (07021100122) Cancelled.	0.00	01-29-2019 19:43:23	29-Jan-2019 07:42:11 PM	(1267) Added Item PLU (02000041211) Gatotrade Fruit Punch 24.	1.99
1342	Shell_highway6	REG2	01-29-2019 23:43:32	(1342) Voided Item PLU (812900191410) Camel Crush Black -5.	-4.44	01-29-2019 19:43:29	29-Jan-2019 07:42:15 PM	(1267) Voided Item PLU (02000041211) Gatotrade Fruit Punch 24.	-1.99
1351	Shell_highway6	REG2	01-30-2019 03:02:42	(1351) Item: PLU (07013170237) Cancelled.	0.00	01-29-2019 19:43:33	29-Jan-2019 07:42:19 PM	(1267) Added Item PLU (03040042604) Lays Flamin Hot \$1.89	1.89
1368	Shell_highway6	REG2	01-30-2019 06:13:52	(1368) Voided Item PLU (082502727152) Naked Blue Machine ...	-3.99	01-29-2019 19:43:41	29-Jan-2019 07:42:27 PM	(1267) Added Item PLU (04000002002) 12 Pack Sprite \$5.99	5.99
1368	Shell_highway6	REG2	01-30-2019 06:13:54	(1368) Void Transaction	0.00	01-29-2019 19:43:46	29-Jan-2019 07:42:32 PM	(1267) Sub Total \$15.67, Trans \$0.00, Tax \$1.28, Total \$16.96	16.96
1396	Shell_highway6	REG2	01-30-2019 07:16:27	(1396) Voided Item PLU (DEPT16) HABA TWBL -6.99	-6.99	01-29-2019 19:44:12	29-Jan-2019 07:42:58 PM	(1267) Transaction Tax Exempted	0.00
1427	Shell_highway6	REG2	01-30-2019 08:21:42	(1427) Voided Item PLU (03010012587) KEEBLER VANILLA SWG...	-0.99	01-29-2019 19:44:14	29-Jan-2019 07:43:00 PM	(1267) Sub Total \$15.67, Trans \$0.00, Tax \$0.00, Total \$15.67	15.67
1427	Shell_highway6	REG2	01-30-2019 08:22:22	(1427) Voided Item PLU (03040041447) Chesters Fries -2.00	-2.00	01-29-2019 19:44:59	29-Jan-2019 07:43:45 PM	(1267) Price Changed: PLU (04000002002) 12 Pack Sprite to \$6.01	0.01
1427	Shell_highway6	REG2	01-30-2019 08:22:41	(1427) Voided Item PLU (0307000020) Mrs Baird Honey Bun ...	-1.99	01-29-2019 19:45:02	29-Jan-2019 07:43:48 PM	(1267) Price Changed: PLU (03040042604) Lays Flamin Hot to ...	0.01
1427	Shell_highway6	REG2	01-30-2019 08:22:42	(1427) Voided Item PLU (012000567490) Brisk Fruit Punch 1L -S...	-1.29	01-29-2019 19:45:04	29-Jan-2019 07:43:50 PM	(1267) Price Changed: PLU (02000041211) Gatotrade Fruit Punch...	0.01
1427	Shell_highway6	REG2	01-30-2019 08:22:43	(1427) Voided Item PLU (03020000070) Yn Garlic Pickle -1.29	-1.29	01-29-2019 19:45:09	29-Jan-2019 07:43:56 PM	(1267) Price Changed: PLU (04000002002) Fanta Pine Apple 20 ...	0.01
1502	Shell_highway6	REG2	01-30-2019 11:41:31	(1502) Item: PLU (03170004020) Cancelled.	0.00	01-29-2019 19:45:11	29-Jan-2019 07:43:57 PM	(1267) Sub Total \$4.05, Trans \$0.00, Tax \$0.00, Total \$4.05	4.05
1502	Shell_highway6	REG2	01-30-2019 11:40:09	(1502) Voided Item PLU (03040043303) Cheetos Xtra Flamin ...	-1.89	01-29-2019 19:45:12	29-Jan-2019 07:43:58 PM	(1267) Tender Added: Cash \$4.05	4.05
1502	Shell_highway6	REG2	01-30-2019 11:40:11	(1502) Voided Item PLU (81300072778) 20 OZ ARIZONA WATE...	-1.00	01-29-2019 19:45:13	29-Jan-2019 07:43:58 PM	(1267) Sub Total \$4.05, Trans \$0.00, Tax \$0.00, Total \$4.05	4.05
1594	Shell_highway6	REG2	01-30-2019 14:06:18	(1594) Item: PLU (08090001056) Cancelled.	0.00	01-29-2019 19:45:16	29-Jan-2019 07:44:02 PM	(1267) End Sale Op # 3	0.00
1617	Shell_highway6	REG2	01-30-2019 14:39:07	(1617) Voided Item PLU (Grade PP) Fuel Prepay CR -\$4.00	-4.00				
1618	Shell_highway6	REG2	01-30-2019 14:40:06	(1618) Voided Item PLU (Grade PP) Fuel Prepay CR -\$4.00, Res...	-4.00				
1618	Shell_highway6	REG2	01-30-2019 14:40:06	(1618) Void Transaction	0.00				
1649	Shell_highway6	REG2	01-30-2019 15:27:02	(1649) Voided Item PLU (070131702331) BLKaniBMD WOOD TL...	-1.09				
1667	Shell_highway6	REG2	01-30-2019 16:00:36	(1667) Voided Item PLU (02000075399) PLANTERS 99c HONE...	-1.19				
1677	Shell_highway6	REG2	01-30-2019 16:21:10	(1677) Item: PLU (04000002400) Cancelled.	0.00				
1681	Shell_highway6	REG2	01-30-2019 16:20:16	(1681) Voided Item PLU (03020000204) Marlboro Gold Short B...	-6.77				
1687	Shell_highway6	REG2	01-30-2019 16:20:01	(1687) Item: PLU (DEPT16) Cancelled.	0.00				
1732	Shell_highway6	REG2	01-30-2019 17:36:23	(1732) Voided Item PLU (03040041447) Chesters Fries -2.00	-2.00				
1787	Shell_highway6	REG2	01-30-2019 18:24:01	(1787) Voided Item PLU (Grade PP) Fuel Prepay CR -\$2.00	-2.00				
1824	Shell_highway6	REG2	01-30-2019 20:55:46	(1824) Voided Item PLU (03040000661) ESTR CADBURY CREM...	-1.59				
1852	Shell_highway6	REG2	01-30-2019 22:51:22	(1852) Voided Item PLU (020100005730) NEWPORT 1005 -56.83	-6.83				
1858	Shell_highway6	REG2	01-30-2019 23:05:32	(1858) Item: PLU (02000041211) Cancelled.	0.00				

Histogram data on 2019-01-31, Search contains: voidNotSale/Cancel

Transaction Info: Sale Time: 01-29-2019 19:43:07, Duration: 120s, Device: Shell_highway6, Trans ID: 1267, Reg#: Employee ID: 3
Transaction Status: Transaction Voided: No; Sale Includes Adjustment: Item PLU; Cash + Payment: \$4.05; Payment Amount: \$4.05; Total Items: 0; Cancel/Total Items: 1; Cancel/Total Items Pct: 12%; Price Adjusted Item Pct: 59%; Max Price Adjustment Amount: (-182.00); (\$95.88; Max Price Adjustment Pct: (-460%); (-2318%.

Buttons: GET PLAYBACK, << CLOSE PLAYBACK, SAVE TRANSACTION, CANCEL, New version available: 1.1.19011.1003

Status: Total client num: 1 | P2P Connected, Search filter: ON | Search limit: 50 | Listed item num: 50, Results Auto Update: Off

4. Video Playback

The detail of the transaction is listed on the left while video is playing on the right.

The **Green line** is current video playback.

The **Red line** is the transaction detail that matches search criteria. e.g. VOID 1x, 2x, 3x and 4x Playback speed

The screenshot displays the CMC-ProViewer application. On the left, a transaction list is shown with columns for TIME, CONTENT, and AMOUNT. A green horizontal line highlights the current video playback position at approximately 13:30:52. A red horizontal line highlights a transaction entry at 13:30:52, which is a VOID operation. The main window shows a high-angle video of a retail store counter with a cashier and a customer. A timestamp '01-26-2019 13:30:52' is overlaid on the video. Below the video, there are playback controls including a progress bar, a histogram, and buttons for 'RESTART', '1x', 'DOWNLOAD', 'Prev 3 Min', 'Next 3 Min', 'Prev Trans', and 'Next Trans'. The bottom status bar shows 'Total client num: 1 | P2P Connected' and 'Search filter: ON | Search limit: 50 | Listed item num: 45'.

TIME	CONTENT	AMOUNT
01-26-2019 13:30:48	(9366) Begin Sale: Op #: 1974	0.00
01-26-2019 13:30:48	(9366) Restricted Item Min Buyer Age: 18 check, No Birthdate Require...	0.00
01-26-2019 13:30:52	(9366) VOIDed Item: PLU (028200003843) Marlboro Gold Short Box	-6.77
01-26-2019 13:31:27	(9366) Added Item: PLU (028200004698) MARLBORO GOLD 100 BR P...	6.77
01-26-2019 13:31:28	(9366) Chip Off From: 1.0 to 2.0 PLU (028200004698) MARLBORO GOLD...	13.54
01-26-2019 13:31:28	(9366) Added Item: PLU (018892013095) 4 KINGZ CIGAR 4996 INTL...	0.99
01-26-2019 13:31:32	(9366) Added Item: PLU (018892018512) 4 KINGZ CIGAR 4996 INTL...	0.99
01-26-2019 13:31:33	(9366) Added Item: PLU (018892015518) Jackson 50 Lights marlboro 80...	0.99
01-26-2019 13:31:35	(9366) Added Item: PLU (018892013222) 4x French vanilla 80.99	0.99
01-26-2019 13:31:37	(9366) Sub Total: \$17.50, Trans Dec: \$0.00, Tax: \$1.36, Total: \$18.86	18.86
01-26-2019 13:32:12	(9366) Tender Added: Cash: \$18.86	18.86
01-26-2019 13:32:12	(9366) TYPE# DE ACCT# # SW# AUTH#	0.00
01-26-2019 13:32:14	(9366) End Sale: Op #: 1974	0.00

- Zoom in
Right click to draw an area box to zoom on playback.

The screenshot displays a retail POS system interface. At the top, there is a navigation bar with icons for home, search, and help. Below this is a 'Video Playback' window. On the left side of the playback window, there is a table with the following data:

TIME	CONTENT	AMOUNT
01-29-2019 19:43:07	(1267) Begin Sale: Op # 3	0.00
01-29-2019 19:43:07	(1267) Added Item: PLU (079000027655) SK Lemonade NCDB	\$1.79
01-29-2019 19:43:08	(1267) Added Item: PLU (079000011792) SK Strawberry CDB	\$1.79
01-29-2019 19:43:08	(1267) Added Item: PLU (046000020202) Fanta Pine Apple 20 FL	\$1.79
01-29-2019 19:43:08	(1267) Added Item: PLU (046000020202) Fanta Pine Apple 20 FL	\$0.43

The main video stream shows a retail store interior. A zoomed-in window is overlaid on the video, showing a close-up of a product display with various bottles and containers. Below the video stream, there are playback controls including 'RESTART', 'PAUSE', 'PLAY', and 'DOWNLOAD' buttons. A histogram at the bottom shows data for the date 2019-01-31. The interface also includes a search bar and a status bar at the bottom with the text 'Total client num: 1 | PSP Connected' and 'Search filter: ON | Search limit: 50 | Listed item num: 50'.

6. Backup

Click on **DOWNLOAD** to backup the video to your local PC

The screenshot shows a web-based video player interface. A 'Video Download' dialog box is open in the center, prompting the user to save the video to a folder. The dialog includes a text input field containing 'C:\mpData', a 'Select Folder' button, a progress indicator, and a note: 'Note: backup .DAY file can be viewed by CamLUA smart player'. Below the dialog, the video player shows a 'Main Stream' of a person in a red jacket in a store. The interface includes a table with columns 'TIME', 'CONTENT', and 'AMOUNT', a histogram, and various playback controls like 'RESTART', 'DOWNLOAD', and 'SAVE TRANS RECORD'. The bottom status bar shows 'Total client num: 1 | PSP Connected' and 'Search filter: ON | Search limit: 50 | Listed item num: 45'.

TIME	CONTENT	AMOUNT
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Trans ID: 9366, Reg: REG2, Capture time: 01-26-2019 13:30:52, Contents: (9366) Vndefl Item: PUJ (028200003843) Marlboro Gold Short Box -66.77

Streaming stopped for downloading...

Overlay Transaction Information

Buttons: RESTART, DOWNLOAD, SAVE TRANS RECORD, GET PLAYBACK >>, << CLOSE PLAYBACK, CANCEL

Search filter: ON | Search limit: 50 | Listed item num: 45