

Complete surveillance solutions.

DW spectrum[®]
IPVMS

Complete Scalable Video Management



DW Spectrum[®] IPVMS and C2P Integration



Complete Surveillance Solutions™

digital-watchdog.com



C2P Integration with DW Spectrum® IPVMS

The C2P™ (Convergence to Pixel®) solution is used to normalize all TCP/IP metadata received at the edge of the network into a common integration framework. The integration framework provides the user with a common set of both real-time and forensic analysis tools that are common to all TCP/IP device integrations. Interfaces include POS, RFID, Access Control, LPR, ATM, Weigh Scales, Bar Code Readers, Biometrics Security, PLC Controllers.



Education applications



Healthcare applications



Retail applications

- All third-party system events are time synchronized with DW Spectrum® IPVMS video archives.
- Generate reports and perform system audits using built-in tools.
- Create user-defined rules to alert operators of critical events in real-time.
- Powerful search tools allow users to find events of interest within seconds.

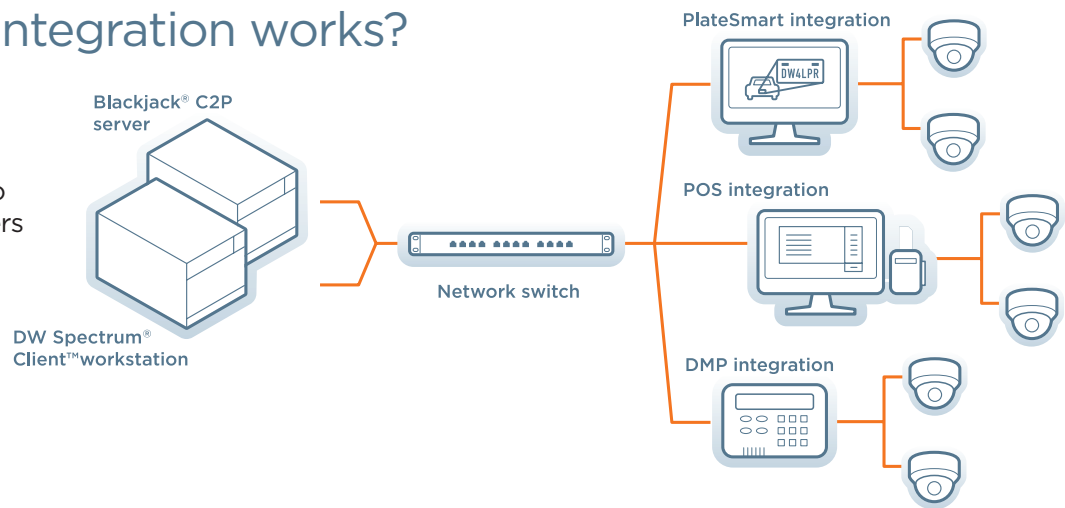
Integrations are available with:

- Access Control
- ATM/Banking
- License Plate Recognition
- Video Analytics
- Asset Tracking
- Biometric Security
- Point of Sale
- PLC Controllers



How does C2P integration works?

Adding the Blackjack® C2P™ workstation and licenses to your existing DW Spectrum IPVMS solution allows you to bring C2P's 3rd party partners to your solution.



Blackjack® C2P

Servers Powered by DW Spectrum® IPVMS

The Blackjack® C2P™ server is a dedicated station to facilitate the integration of DW Spectrum® IPVMS with C2P™ products.

The server brings metadata from any TCP/IP enabled device seamlessly into DW Spectrum®. By normalizing all metadata at the edge of the network, the DW Spectrum® Client can become the head-end for monitoring all TCP/IP connected sensors and devices, while also ensuring all metadata is stored time synchronized with the DW Spectrum® video.

DW Spectrum® IPVMS licenses must be purchased separately from the server. See last page for details.



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C2P Integration
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Ultra HD Output
- 
Two NIC Cards
- 
IPVMS
- 
Limited Warranty

Features:

- Supports all C2P compatible devices
- Turn your DW Spectrum® Client to the head-end for monitoring all TCP/IP connected devices
- Integration with POS, RFID, Access Control, LPR, ATM, Weigh Scales, Bar Code Readers, Biometrics Security and PLC controllers
- True HD 4K, VGA and DP outputs
- Network ports information
- Windows 10® on separate SSD
- Hosting DW Spectrum® for setup, configuration and monitoring
- No annual maintenance fees
- Simple enterprise scalability
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- 5 years limited warranty

Feature		Blackjack C2P server
Form factor		Desktop / Cube
Operating system	Windows® 10	DW-BJC2P
	OS on SSD	240GB SSD
CPU		Intel i7® processor
Memory		16GB
Ethernet port		2x gigabit ethernet ports (RJ45)
Storage	Maximum SSD and HDD	1 x SSD + 2 x SATA HDD
	Outputs	1x VGA, 1x true HD, 1x DP outputs (support for dual display)
Video-out	Video card	Onboard Intel HD Graphics
	Resolution	Max 4096 x 2160
Pre-loaded VMS software		DW Spectrum® IPVMS
Remote clients		Cross-platform - Windows®, Linux Ubuntu® and Mac®
Mobile apps		iOS® and Android®
Keyboard & mouse		Included
Power supply		300W**
Operating temperature and humidity		41°F-104°F (5°C-40°C)
Operating humidity		20-90% RH
Dimension (WxDxH)		8.5" x 12.8" x 7.5" (215.9 x 325.1 x 190.5 mm)
Warranty		5 year limited

Access Control

Manufacturer	Product	Description
Axis Communications	A1001	Door Controller
Blue Access Technologies	Cobalt X1	door control panel and reader
Digital Monitoring Products	XR550	Access control, fire alarms, burglar alarms, glass breakage alarms
Identocard	PremiSys	---
Isonas	Pure Access	Cloud based access control
Keri Systems	NXT	---
RBH	AxiomV	---
ZKAccess	C3 control panel	LPR gate and door controller
DSX	WinDSX	Access control workstation

Asset Tracking

Manufacturer	Product	Description
iWeigh	scales - trucks and retail	transfer stations and retail scales
DHL	Bar Code Readers	Commercial Shipping Carrier
SEUR	Bar Code Readers	Commercial Shipping Carrier
Bar Code Readers	Bar Code Readers	generic
Elpas	software Eiris	Active RFID tracking

ATM/Banking

Manufacturer	Product	Description
Diebold	Opteva	ATM machines
Fiserv	Teller Workstations	Bank teller station

Biometric Security

Manufacturer	Product	Description
CyberExtruder	Aureus 3D	facial recognition
fst	IMID Access	facial recognition

License Plate Recognition

Manufacturer	Product	Description
Elsag	MPH 900	Fixed LPR reader
Hi-Tech Solutions	C50	---
Intrada	Q-Free	---
Mango DSP	Viper	---
Neural Labs	VPAR	Vehicle plates and container ID
PlateSmart	Aries	s/w only LPR
Vigilant Solutions	Car Detection Fixed	---
Inex Tech	ALPR	Requires IZ camera & processor

Point of Sale Integration

Manufacturer	Product	Description
IBM	IBM-RMS	---
LOC	Store management Suite	Supermarket and grocery stores
Agilysis	InfoGenesis POS	---
Oracle	Micros models Vss Symphony and 9500 series	Hospitality, casinos
NCR	Radiant P1500 series	Product family of registers petroleum, convenience and retail stores
Xpient Solutions	IRIS Restaurant POS	Many fast food stores Denny's, Carl Jr, Love Stores, Taco Bell, IHOP, etc

Video Analytics

Manufacturer	Product	Description
iRonYun	Artificial intelligence applications	---

PLC controllers

Manufacturer	Product	Description
Hikivision	Amusement parks track safety	---
Advantec	Adam 5000 series controllers	Modular I/O controllers
Axis	P8221	Modular I/O controllers
Wonderware	Correctional facilities Call Boxes	---

Product SKUs

Part Number	Description
Base package licenses	
DW-CNVbase1	Type 1 base package for access control devices. 25 event source ID licenses included.
DW-CNVbase2	Type 2 base package for non-access control devices. 4 event source ID licenses included.
Software upgrade plans	
DW-CSUP1T1	Type 1 software upgrade plan 1 year - provides latest features and upgrades for months 1-12
DW-CSUP2T1	Type 1 software upgrade plan 2 year - provides latest features and upgrades for months 1-24
DW-CSUP3T1	Type 1 software upgrade plan 3 year - provides latest features and upgrades for months 1-36

Product SKUs

DW-CSUP1T2	Type 2 software upgrade plan 1 year - provides latest features and upgrades for months 1-12
DW-CSUP2T2	Type 2 software upgrade plan 2 year - provides latest features and upgrades for months 1-24
DW-CSUP3T2	Type 2 software upgrade plan 3 year - provides latest features and upgrades for months 1-36
Type 1 licenses	
Access Control	
DW-CACMIS01	Isonas data sourcing point connection license - Provides connectivity between the Isonas IP device and the C2P base.
DW-CACMAX01	Axis data sourcing point connection license - Provides connectivity between the Axis IP device and the C2P base.
DW-CACMKI01	KeriSystems data sourcing point connection license - Provides connectivity between the KeriSystems IP device and the C2P base.
DW-CACMRB01	RBH data sourcing point connection license - Provides connectivity between the RBH IP device and the C2P base.
DW-CACMDM01	DMP integration license associates data sourcing points to camera views. This license provides connectivity between DMP IP device and the C2P base.
DW-CACMZK01	ZKAccess data sourcing point connection license - Provides connectivity between the ZKAccess IP device and the C2P base.
DW-CACMID01	Identocard data sourcing point connection license - Provides connectivity between the Identocard IP device and the C2P base.
DW-CACMOO01	Open Options data sourcing point connection license - Provides connectivity between the Open Options IP device and the C2P base.
DW-CACMBA01	Blue Access data sourcing point connection license - Provides connectivity between the Blue Access IP device and the C2P base.
Type 2 licenses	
Analytics	
DW-CGSDSS01	ShotSpotter reader connection license - Provides connectivity between ShotSpotter server and C2P base.
DW-CGSDHAL01	HALO reader connection license - Provides connectivity between HALO vaping detection IP device and C2P base.
DW-CGSDSL01	Sightlogix connection license IR thermal detection - Provides connectivity between Sightlogix intruder detection IP device and the C2P base.
DW-CGSDIRO01	IronYun Artificial Intelligence (AI) connection license - Provides connectivity between Ironyun AI alert notification and C2P base.
Point of Sale (POS)	
DW-CPOSMI01	Micros Register connection license - Provides connectivity between Micros register and C2P base.
DW-CPOsRA01	Radiant Register connection license - Provides connectivity between Radiant register and C2P base.
DW-CPOsPO01	POSiTouch Register connection license - Provides connectivity between POSiTouch register and C2P base.
DW-CPOsAG01	Agilysis Register connection license - Provides connectivity between Agilysis register and C2P base.
DW-CPOsXP01	Xpient Register connection license - Provides connectivity between Xpient register and C2P base.
DW-CPOsSP01	Store Point Register connection license - Provides connectivity between Store Point register and C2P base.
DW-CPOsIS01	ISS45 Register connection license - Provides connectivity between ISS45 register and C2P base.
DW-CPOsLO01	LOC Register connection license - Provides connectivity between LOC register and C2P base.
DW-CPOsIB01	IBM_RMS Register connection license - Provides connectivity between IBM_RMS register and C2P base.
License Plate Recognition (LPR)	
DW-CPLREL01	ELSAG LPR reader connection license - Provides connectivity between ELSAG LPR reader and C2P base.
DW-CPLRPL01	PlateSmart LPR reader connection license - Provides connectivity between PlateSmart LPR reader and C2P base.
DW-CPLRV101	Vigilant Solutions LPR reader connection license - Provides connectivity between Vigilant Solutions LPR reader and C2P base.
DW-CPLRHT01	HTS LPR reader connection license - Provides connectivity between HTS LPR reader and C2P base.
DW-CPLRMA01	Mango LPR reader connection license - Provides connectivity between Mango LPR reader and C2P base.
DW-CPLRIN01	Inex Tech LPR reader connection license - Provides connectivity between Inex Tech LPR reader and C2P base.
DW-CPLRID01	Intrada LPR reader connection license - Provides connectivity between Intrada LPR reader and C2P base.
DW-CPLRNE01	Neural Labs ALPR reader connection license - Provides connectivity between Neural Labs ALPR reader and C2P base.
Facial Recognition	
DW-CBIOCY01	CyberExtruder data sourcing point connection license - Provides connectivity between CyberExtruder data sourcing point and C2P base.
DW-CBIOFS01	fst data sourcing point connection license - Provides connectivity between fst data sourcing point and C2P base.
Banking	
DW-CBANDIE01	Diebold ATM reader connection license - Provides connectivity between Diebold server and C2P base.
DW-CBANFIS01	Fiserv Teller workstation connection license - Provides connectivity between Fiserv Teller workstation and C2P base.
RFID Asset Tracking	
DW-CRFIEL01	Elpas RFID reader connection license - Provides connectivity between Elpas RFID reader and C2P base.
DW-CRFIZK01	ZAccess RFID reader connection license - Provides connectivity between ZKAccess RFID reader and C2P base.
Weight Station/Scales	
DW-CWEIWO01	iWeigh scale reader connection license - Provides connectivity between iWeigh scale reader and C2P base.
Barcode and Container Tracking	
DW-CBCRGEN01	Barcode reader connection license - Provides connectivity between generic Barcode reader and C2P base.
DW-CBCRDH01	DHL reader connection license - Provides connectivity between DHL reader and C2P base.
DW-CBCRSE01	SEUR reader connection license - Provides connectivity between SEUR reader and C2P base.
DW-CBCRNE01	POS Auditing Module - Provides Loss prevention investigation tools for POS systems.
Options	
DW-CPSA01	POS Auditing Module - Provides Loss prevention investigation tools for POS systems.
DW-CICA01	Integrated Charting and Analytics - Provides graphical representation of data as well as real-time charting of user defined IP device events.
DW-CDIG01	Digital Signage - Provides real-time display of user created messages and alerts.
DW-CSCR01	Screen Capture - Streams PC screen information into camera compliant video.