

STANLEY Convergent Security Solutions
8350 Sunlight Drive, Fishers, IN 46037
T (317) 572 2117 F (317) 578 4983

Any old material the county would like to keep will be identified before the start of the project, These materials will be turned over to the county as they are removed. Any other unwanted materials will be disposed of by the county.

Stanley Convergent Security Solutions, Inc. guarantees its engineering and hardware to be free from defects for a period of one year, unless otherwise specified. This warranty does not include acts of God or abuse by the owner.

This quote is priced in accordance with our NJPA Contract# 031517-SCS.

We are not responsible for any work associated with hazardous materials (i.e. asbestos, lead paint, etc) that is associated with the work. This work will be the responsibility of the Owner or General Contractor.

We work under the terms of a purchase order or signed agreement only. No applicable taxes or bonding has been included in our price. Shipping and handling is included. We are pleased to provide this quotation, and we hope it meets with your approval.

All paperwork to be addressed to: **Stanley Convergent Security Solutions, Inc.** Please fax the Purchase order or signed sales agreement to 317-578-4983 and send the original to our office to my attention. The price is valid for 90 days. If you have any questions, please feel free to call.

Sincerely,

Steve Baker
317 572 2118

System 2 – Intercom Upgrade

The intercom system will be upgraded to a new Harding Digital Intercom system. The existing relay cards and intercom master stations will be upgraded the Harding controllers and master stations. The existing intercom stations will be reused. The existing Dukane relay cards are no longer being made and there is no direct replacement available. The upgraded intercom will allow for the option of intercom recording be added, this option is priced below.

Option 1 – Upgrade Intercom System at same time as PLC System

Intercom Upgrade as part of PLC Upgrade Project					
4	Intercom Masters	Harding	TMM-641-111-1	\$ 953.86	\$ 3,815.44
1	Intercom Controller	Harding	DCC-S1003030S100MDIP	\$ 5,691.65	\$ 5,691.65
3	Intercom Expander	Harding	DCE-S1003030S1	\$ 4,126.40	\$ 12,379.20
1	Page Zone Expander	Harding	PZE-110-0	\$ 1,617.08	\$ 1,617.08
1	Station Port Adapter	Harding	SPA 120	\$ 48.51	\$ 48.51
8	Station Interface Cable	Harding	CBL-STN-10-RR	\$ 158.88	\$ 1,271.04
8	Switch Interface Cable	Harding	CBL-SWT-10-RR	\$ 89.56	\$ 716.48
8	Quick Connect Board - Station	Harding	QCB-120-1	\$ 103.60	\$ 828.80
8	Quick Connect Board - Switch	Harding	QCB-120-2	\$ 75.91	\$ 607.28
40	Testing and Onsite Validation	Stanley	RL03	\$ 155.00	\$ 6,200.00
4	Design and Documentation Labor	Stanley	RL20	\$ 134.00	\$ 536.00
					\$ 33,711.48

System 3 Video Upgrade

The video recording and cameras will also be upgraded as part of this project. The existing recorders will be upgraded to a new server based enterprise recording system. The cameras will be upgraded from analog to a new IP camera. The camera types will include new camera models for increased coverage. The video call-up from the touchscreen control system will remain. The existing coax cable will be reused and new IP over coax transmitters and receivers will be used.

Video Recorder, Matrix and Camera Upgrade					
1	Video Recorder 32TB	Avigilon	HD-NVR4_STD-32TB-NA	\$ 13,694.28	\$ 13,694.28
1	Video Workstations	Avigilon	HDRMWS32MNNA	\$ 1,730.55	\$ 1,730.55
1	Call-Up PC	Azulle	A1153AB32	\$ 293.29	\$ 293.29
2	1080P Exterior Camera	Avigilon	2.0C-H4SL-DO1-IR	\$ 433.68	\$ 867.36
5	4x3MP Multi Sensor Camera	Avigilon	12C-H4A-4MH-360	\$ 1,751.40	\$ 8,757.00
25	1080P Interior Camera	Avigilon	2.0C-H4SL-D1	\$ 314.94	\$ 7,873.50
8	12MP Fisheye	Avigilon	12.0-H4F-DO1-IR	\$ 900.72	\$ 7,205.76
2	5MP Fixed Domes	Avigilon	5.0L-H4A-DP1-B	\$ 871.53	\$ 1,743.06
2	Camera License - 1 Channel	Avigilon	1C-ACC6-ENT	\$ 279.39	\$ 558.78
1	Camera License - 16 Channel Pack	Avigilon	16C-ACC6-ENT	\$ 3,748.83	\$ 3,748.83
1	Camera License - 24 Channel Pack	Avigilon	24C-ACC6-ENT	\$ 5,583.63	\$ 5,583.63
2	Outdoor Dome Camera Mount	Avigilon	H4SLMTNPTA1	\$ 25.02	\$ 50.04
2	Pendant Mount	Avigilon	CMMTWALL1	\$ 58.38	\$ 116.76
5	Power Supply	Avigilon	POEINJ260W NA	\$ 125.31	\$ 626.55
1	NVR Power Supply (optional)	Avigilon	HD-NVR4-STD-2NDPS-NA	\$ 387.81	\$ 387.81
2	Wall Bracket H4A	Avigilon	H4A-MT-WALL1	\$ 50.04	\$ 100.08
5	Pendant Wall for Multisensor	Avigilon	IRPTZ-MNT-WALL1	\$ 79.23	\$ 396.15
5	Corner Mount Adapter	Avigilon	H4-MT-CRNR1	\$ 33.36	\$ 166.80
5	Outdoor Pendant Mount Adapter	Avigilon	H4AMH-AD-PEND1	\$ 133.44	\$ 667.20
5	Multisensor Dome	Avigilon	H4AMH-DO-COVR1	\$ 133.44	\$ 667.20
2	24 Port IP over Coax Switch	NVT	NVCCL024	\$ 3,101.94	\$ 6,203.88
21	30W Adapter (2 pack)	NVT	NVLNK02	\$ 213.37	\$ 4,480.77
120	Onsite Labor	Stanley	RL05	\$ 126.00	\$ 15,120.00
40	Testing and Onsite Validation	Stanley	RL03	\$ 155.00	\$ 6,200.00
40	Software Labor	Stanley	RL17	\$ 164.00	\$ 6,560.00
16	Design and Documentation Labor	Stanley	RL20	\$ 134.00	\$ 2,144.00
					\$ 95,943.28

Payment and Performance Bond may be added to any combination of options at a rate of 1%.

Our engineering staff shall fully design and build the system in our Fishers, Indiana office before bringing it to site. Once it is fully designed and built they will completely test the new system before shipping to site to be installed. Once the material is received onsite our engineering team will come to site and begin removing your existing system and installing the new components.

We will work closely with your staff on which areas we are to work in so that you can plan. The exact schedule and sequence is not yet known and will depend on the design of the new system and input from you on the most critical areas and time.

This quotation includes the equipment listed below plus labor for design, software, start-up and owner training on the new system.

To:	Melissa Hood
Organization:	Lancaster County NE
Phone:	
Fax or email:	

QUOTATION #180066-4	PLC, Intercom, and Video System Upgrade Options
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3-1-2019

Per your request, we have attached pricing to upgrade your existing PLC based security electronics system.

System 1 – PLC, Server, Commander Clients, and Touchscreens

The existing PLC, installed in 2001, has been discontinued by Allen Bradley and new replacement parts are no longer available. We recommend replacing the existing PLC-5 with a new CompactLogix PLC.

Along with a new PLC system we will upgrade all your existing touch screen control stations with new computers and new Wonderware graphic user interface software. This will get you a current OS and the most recent version of Wonderware. New touchscreen monitors will be required because the new application is wide screen application.

The cost to update your system instead of replacing it is significant. The estimated software costs for a similarly designed system would be 2-4 times the amount of labor and additional hardware may be needed. The amount of system downtime and staff time to verify operations will also be reduced by upgrading instead of replacing.

Your existing Allen Bradley SLC 1746 Input/Out modules are also approaching their end of life. They are still producing the models you have but have started to discontinue other models in the same series. I have included the 1769 replacement modules in my quote.

PLC5 Upgrade						
1	PLC5 Upgrade Kit	Allen Bradley	S108678781	\$ 7,936.90	\$	7,936.90
4	Commander PCs	Dell	7183813	\$ 900.35	\$	3,601.40
1	Informer Server	Dell	7183765	\$ 2,286.96	\$	2,286.96
4	Touchscreens	Elo	ELO-E382790	\$ 622.58	\$	2,490.32
4	Wonderware Upgrades	Wonderware	60k	\$ 2,432.50	\$	9,730.00
36	Design and Documentation Labor	Stanley	RL20	\$ 134.00	\$	4,824.00
160	Software Labor	Stanley	RL17	\$ 164.00	\$	26,240.00
40	Testing and Onsite Validation	Stanley	RL03	\$ 155.00	\$	6,200.00
4	Right End Cap	Allen Bradley	1769-ECR	\$ 23.85	\$	95.40
3	Extention Cable 3ft	Allen Bradley	1769-CRL3	\$ 124.95	\$	374.85
2	EthernetIP Adapters	Allen Bradley	1769-AENTR	\$ 630.25	\$	1,260.50
5	2Amp Power Supply	Allen Bradley	1769-PA2	\$ 192.09	\$	960.45
8	32 Point Sourcing Output Module	Allen Bradley	1769-OB32	\$ 354.88	\$	2,839.04
16	32 Point Input Module	Allen Bradley	1769-IQ32	\$ 292.40	\$	4,678.40
2	24 Port Switch	HP	1920-24G	\$ 394.23	\$	788.46
1	One Time Special Discount			\$ (8,440.21)	\$	(8,440.21)
					\$	65,866.47