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**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Electrical & Electronics Products Division
L'Esplanade Laurier
East Tower, 4th floor,
Ottawa
Ontario
K1A 0S5

Title - Sujet CCTV Upgrade - CSC Kent Institution	
Solicitation No. - N° de l'invitation 21120-198399/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 21120-198399	Date 2019-02-05
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-467-76002	
File No. - N° de dossier hn467.21120-198399	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-02-28	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Dubé, Robert	Buyer Id - Id de l'acheteur hn467
Telephone No. - N° de téléphone (613) 296-1526 ()	FAX No. - N° de FAX (613) 943-7620
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

AMENDMENT #002

This amendment solicitation is raised to:

- A) Answer questions from the industry;
- B) Make revision(s) and/or clarification(s) or provide additional information to the RFP document; and
- C) Extend the closing date of the RFP.

A) To answer questions 1 to 35 from the industry.

QUESTION 1:

On the camera table handed out during the site visit indicating the new cameras, locations and camera types the totals do not add up. One total indicates 168 cameras and the other total indicates 172. Please clarify which is correct?

ANSWER 1:

Total is 168 cameras there was an error in the spreadsheet formula.

QUESTION 2:

Could you please extend the RFP closing date by at least two weeks?

ANSWER 2:

The closing date of the RFP is extended to **February 28, 2019 @ 2:00 PM Eastern Standard Time (EST)**.

QUESTION 3:

The STR identifies a requirement to migrate from Omnicast to Security Centre. This change will NOT be transparent to the existing Genetec to Senstar (via Lanser) integration. Please confirm that this integration must be reestablished to allow PIDS camera switching and alarm monitoring.

ANSWER 3:

The integration From the Genetec to PIDS Senstar PIU100 is in existence now and will be required with the Genetec software upgrade.

QUESTION 4:

The requested network configuration will allow the network switches and links to be monitored on the FAAS. Does CSC require this integration for this project?

ANSWER 4:

Yes the network switches to be monitored on the FAAS Senstar PIU100 for trouble and failures.

QUESTION 5:

Are UPS alarms currently configured on the CCTV Lanser and forwarded to the FAAS? If so, does CSC require that all new and existing UPS failures be integrated into the FAAS?

ANSWER 5:

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

Other than the CER's UPS, the UPS's in the field do not require monitoring at this time. The UPS's should have the ability to have alarm outputs that will be utilized in an upcoming project.

QUESTION 6:

Is there an existing integration between the Living Units DCS and Omnicast that needs to be maintained with the Security Centre migration?

ANSWER 6:

POD 1 has integration from DCS to CCTV Monitors when a range is selected the cameras associated with the selected range are displayed on the CCTV monitor. POD2 does not have this feature or any other living units.

QUESTION 7:

The bid submission requirements are extensive. Please consider a two week extension to the tender closing date.

ANSWER 7:

Please refer to the answer to question 2.

QUESTION 8:

Can you provide the current load on the 2 UPS that needs to be replace and confirm that the transfer switch can be re-used?

ANSWER 8:

See attached UPS Spreadsheet.

QUESTION 9:

Can you provide more information on the trenching requirements (depth, conduit and ground restoration) and confirm the requirement for ground X-ray?

ANSWER 9:

Ground scanning must be done prior to any excavating any services identified must be excavated using Hydro-Vacing. The trench shall be a minimum of 2 feet deep and the area must be restored to existing. See attached drawing for Aboriginal Camera tower.

QUESTION 10:

Will a list of site visit attendees be provided?

ANSWER 10:

No, the list of site visit attendees will not be provided because it contain protected information.

QUESTION 11:

Subsection Network Video Storage System of Section 4.3 of the STR states "The new Pivot3 system must have a minimum five year warranty. Refer to attached documents from Pivot3 regarding equipment specifications." However, the described Pivot3 documentation was not provided to bidders. We would like to request the Pivot3 documentation if it is available.

ANSWER 11:

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

See Attached Document from Pivot3.

QUESTION 12:

Subsection Network Infrastructure of Section 4.3 of the STR states "The contractor must ensure the new switching infrastructure is fully integrated into the FAAS and PIU alarm and display systems." Please provide information regarding the existing configuration of the FAAS as well as the integration requirements for this project.

ANSWER 12:

The PIU100 is the operating system provided by Senstar, if the contractor is not familiar with the PIU100 they should contact Senstar for assistance.

QUESTION 13:

Please confirm the required warranty period for equipment provided as part of this project.

ANSWER 13:

Standard manufactures warranty on equipment; there is an available full 5-year warranty from Pivot3 that is required in this project.

QUESTION 14:

Since Avigilon cameras are now supported in Genetec Security Center 5.7 or above, will all Avigilon models supported (as listed on Genetec supported list) be acceptable models in this tender?

ANSWER 14:

Any camera listed on Genetec supported list will be acceptable.

QUESTION 15:

Are on-board analytics capability for each new and replacement camera required? If so, would all cameras or just certain preferred locations?

ANSWER 15:

No video analytics is required at this time.

QUESTION 16:

For the outdoor multi-sensor and 180 degree cameras, is integrated IR a requirement for these cameras?

ANSWER 16:

IR is not required on these cameras but would be considered a nice feature.

QUESTION 17:

The STR states (page 12&13 "Network Infrastructure") there are locations where the same core switch and cabling requirements have been fulfilled prior to this project. The contractor must supply new network switches replacing all existing network switches, with the exception of cases where the same core switch and cabling requirements have been fulfilled prior to this project. Please provide make, model, and locations of the existing equipment that is to be retained and re-used for this project?

ANSWER 17:

All network switches and POE injectors must be replaced as part of the network upgrade of this project.

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

QUESTION 18:

The project identifies the number and locations of cameras to be replaced; is all cabling to current CSC specs to be retained and reused?

ANSWER 18:

See attached list of replacement camera IP addresses. Existing cabling can be reused for all cameras.

QUESTION 19:

Handouts during the site visit and information within the STR are not aligned with CSC ES/SOW & ES/SPEC specifications referenced within the tender documents. Please clarify which documents take precedence and apply as they contradict information being conveyed in several locations?

ANSWER 19:

Any information provided in the handouts or STR supersede the ES/SOW and ES/SPEC.

QUESTION 20:

Please define any areas considered confined space for the CCTV upgrade project?

ANSWER 20:

There are no areas confined spaces in this project.

QUESTION 21:

During the site walkthrough existing cameras appeared to be run free-air above drywall type ceilings. Can cabling be run free-air in hard ceilings where conduit would be next to impossible to install?

ANSWER 21:

Free-air run is acceptable in drywall ceilings.

QUESTION 22:

EMT type conduit was witnessed everywhere at existing cameras; please clarify whether EMT is acceptable for new camera locations?

ANSWER 22:

EMT is acceptable where is out of reach of inmates. Normally below eight feet is Rigid, above eight feet is EMT.

QUESTION 23:

Is there a place within the Institution to store a lift overnight?

ANSWER 23:

Areas will be provided for equipment and tool storage.

QUESTION 24:

Is the contractor responsible to re-pull and terminate the two electrical panels in the PODs where we are to remove the UPS's?

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

ANSWER 24

Yes, the contractor must do this work. We suggest installing the new UPS bypass switches be installed prior to removing the old UPS.

QUESTION 25:

Is there a location within the Kent/Mountain complex for garbage disposal or will the contractor be responsible for off-site garbage disposal?

ANSWER 25:

The contractor will be responsible to dispose of all there waste, we suggest a lockable bin onsite.

QUESTION 26:

What is the turnover/delivery location for all the electronics, racks, and additional supporting infrastructure materials not being retained and reused for the project?

ANSWER 26:

Any electronic equipment removed must be turned over to the Electronic Maintenance Contractor. All other equipment for example, equipment racks, cabling, batteries the contractor must dispose of in an environmentally acceptable manor.

QUESTION 27:

Please provide CSC specifications for "zero client hardware" identified within STR section 4.3 Network Video User Stations?

ANSWER 27:

Refer to Pivot3 Attachment.

QUESTION 28:

STR page 16 "Camera Installation Details" indicate all dome cameras must be outdoor rated with IR; please provide CSC specifications of the IR requirement?

ANSWER 28:

IR to be 850 nm LEDs with a minimum range of 100 feet.

QUESTION 29:

The STR and drawings provided for Kent identify the requirement to provide two 15KVA UPS's, one in each POD. Please provide the relevant specification for the provision of these UPS's?

ANSWER 29:

Changes were made to the required specs and details provided in the attached spreadsheet on all UPS requirements.

QUESTION 30:

The STR and drawings provided for Kent identify the requirement to provide ten replacement racks, five in each POD. Please provide the relevant specification for the provision of these new racks?

ANSWER 30:

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

Middle Atlantic MRK 4436 or similar the drawing states requirements for front and rear doors and wire management.

QUESTION 31:

We have a question pertaining to the cabinet sizes you are requesting. We have looked at the drawings and the initial RFP and we do not see the dimensions for said cabinets. Can you please provide that information?

ANSWER 31:

PODS 1&2 Middle Atlantic MRK 4436 or similar – 36" deep x 83" high.
Tunnel Racks Middle Atlantic or Similar WRK – 24MDK 50" high

QUESTION 32:

Please clarify whether the existing bypass switches for the UPS's in POD #1 & 2 are to be reused or removed?

ANSWER 32:

Bypass switches must be replaced and old ones removed.

QUESTION 33:

Notes on DWG 14 identify 12 dome and 4 multi-sensor cameras, please clarify/identify the location of each of these cameras?

ANSWER 33:

This is an error on the drawing; cameras on drawing are for reference only.

QUESTION 34:

There are "new conduits" identified on the CCTV Communication Conduit drawing handed out; are these conduits existing or to be provided as part of this project?

ANSWER 34:

They are existing conduits installed on recent PSPC projects.

QUESTION 35:

Will outdoor rated dome cameras with temperature specification of: -30 °C to +60 °C (-22 °F to 140 °F); be acceptable for all the interior new and replacement cameras in this tender?

ANSWER 35:

Yes

B) See attached APPENDIX 1 TO AMENDMENT 002 for revision(s) and/or clarification(s) or additional information to the RFP document.

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

C) The closing date of the RFP is extended to February 28, 2019 @ 2:00 PM Eastern Standard Time (EST).

ALL OTHER TERMS AND CONDITIONS OF THE BID SOLICITATION REMAIN UNCHANGED

Solicitation No. - N° de l'invitation
21120-198399/A
Client Ref. No. - N° de réf. du client
21120-198399

Amd. No. - N° de la modif.
002
File No. - N° du dossier
hn467. 21120-198399

Buyer ID - Id de l'acheteur
hn467
CCC No. /N° CCC - FMS No. /N° VME

APPENDIX 1 TO AMENDMENT 002

See attached PDF documents:

- Kent Camera Information
- Kent CCTV Project Jan 2018 CCTV Aboriginal Camera
- UPS info.
- Pivot3- CSC Kent Diagram_V2

1009-0074 PIDS Kent Institution
CCTV SCHEDULE
Kent Camera Information

CCTV Equipment Identification										Equipment Type										COMMISSIONING				
CAM#	Equipment #	Logical IDs	Bldg	Level/2	Range	FOV/Termination Location	Label	Equipment Description	Type	OID	PTZ	Alt	Part#	MAC Address	SN	IP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes		
PIDS CAM 1	E001	1	CC01		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-0F		192.168.1.171	CC01	Y	Y	Y	WL			
PIDS CAM 2	E002	2	CC01		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-16		192.168.1.172	CC01	Y	Y	Y	WL			
PIDS CAM 3	E003	3	CC01		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-0D		192.168.1.173	CC01	Y	Y	Y	WL			
PIDS CAM 4	E004	4	CER		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-09		192.168.1.174	CER	Y	Y	Y	WL			
PIDS CAM 5	E005	5	CC02		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-0B		192.168.1.175	CC02	Y	Y	Y	WL			
PIDS CAM 6	E006	6	CC02		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-1C		192.168.1.176	CC02	Y	Y	Y	WL			
PIDS CAM 7	E007	7	CC02		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-34		192.168.1.177	CC02	Y	Y	Y	WL			
PIDS CAM 8	E008	8	CC03		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-31		192.168.1.178	CC03	Y	Y	Y	WL			
PIDS CAM 9	E009	9	CC03		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-32		192.168.1.179	CC03	Y	Y	Y	WL			
PIDS CAM 10	E010	10	CC03		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-43		192.168.1.180	CC03	Y	Y	Y	WL			
PIDS CAM 11	E011	11	CC03		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-33		192.168.1.181	CC03	Y	Y	Y	WL			
PIDS CAM 12	E012	12	CC03		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-30		192.168.1.182	CC03	Y	Y	Y	WL			
PIDS CAM 13	E013	13	CC04		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-35		192.168.1.183	CC04	Y	Y	Y	WL			
PIDS CAM 14	E014	14	CC04		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-36		192.168.1.184	CC04	Y	Y	Y	WL			
PIDS CAM 15	E015	15	CC04		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-19		192.168.1.185	CC04	Y	Y	Y	WL			
PIDS CAM 16	E016	16	CC04		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-1B		192.168.1.186	CC04	Y	Y	Y	WL			
PIDS CAM 17	E017	17	PE		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-1A		192.168.1.187	PE	Y	Y	Y	WL			
PIDS CAM 18	E018	18	PE		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-10		192.168.1.188	PE	Y	Y	Y	WL			
PIDS CAM 19	E019	19	PE		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-0C		192.168.1.189	PE	Y	Y	Y	WL			
PIDS CAM 20	E020	20	PE		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-A1-FE-14		192.168.1.190	PE	Y	Y	Y	WL			
SIDS CAM 1	E021	21	CC06		256	See FOV Schedule		Camera	PTZ	Y	Y	Axis	Q6043	00-40-8C-A3-27-3C		192.168.1.191	CC06	Y	Y	Y	WL			
SIDS CAM 2	E022	22	CC07		256	See FOV Schedule		Camera	PTZ	Y	Y	Axis	Q6043	00-40-8C-A3-28-3F		192.168.1.192	CC07	Y	Y	Y	WL			
Temp OF Cam1	E023	23	CC04		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-AF-68-3C		192.168.1.193	CC04	Y	Y	Y	WL			
Temp OF Cam2	E024	24	CC07		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-AC-BA-78		192.168.1.194	CC07	Y	Y	Y	WL			
Temp OF Cam3	E025	25	CC07		256	See FOV Schedule		Camera	Fixed	Y	N	Axis	P1343	00-40-8C-AF-68-3B		192.168.1.195	CC07	Y	Y	Y	WL			
360 CAM	E026	418	PE		256	See FOV Schedule		Camera	360	N	N	Mobile	Q24	00-03-C5-08-A9-0E		192.168.1.196	CER	Y	Y	Y	WL			
NJUS1	E035		CER					Workstation						00-1D-60-87-84-0C		192.168.1.21	CER	Y	Y	Y	WL			
NJUS10	E036		MCCP					Workstation						00-22-15-A3-68-94		192.168.1.22	MCCP	Y	Y	Y	WL			
NJUS11	E037		MCCP					Workstation						00-22-15-A3-68-81		192.168.1.23	MCCP	Y	Y	Y	WL			
NJUS4	E038		MCCP					Workstation						00-22-15-86-07-ED		192.168.1.24	MCCP	Y	Y	Y	WL			
NJUS5	E039							Workstation						00-22-15-A3-68-7E		192.168.1.25		Y	Y	Y	WL			
SW1	E040							Network Switch	Fibre Switch			Planet				192.168.1.253	MCCP	Y	Y	Y	WL			
SW2	E041							Network Switch				Planet						Y	Y	Y	WL			
SW3	E042							Network Switch				Planet						Y	Y	Y	WL			
MC1	E043							Media Converter				Niton	n/a					Y	Y	Y	WL			
MC1	E044							Media Converter				Niton	n/a					Y	Y	Y	WL			
MC1	E045							Media Converter				Niton	n/a					Y	Y	Y	WL			
MC1	E046							Media Converter				Niton	n/a					Y	Y	Y	WL			
MC1	E047							Media Converter				Niton	n/a					Y	Y	Y	WL			

Note: Where Serial #s are not available - Please use the MAC Address as the unique identifier for the equipment.
S:\CUST OWNERS\PIVISC\CC01009-0074 Kent Institution\Subdocs\B-Sales\Schedule\KENT\1009-0074 - Kent Institution - Equipment Schedule rev_1_08.xls

1009-0074 PIDS Kent Institution
CCTV SCHEDULE

10/25/2012

CCTV Equipment Identification										Equipment Type					COMMISSIONING							
CAM#	Equipment #	Logical IDs	Blgd	Level/2	Range	FOV/Termination Location	Label	Equipment Description	Type	OID	PTZ	MR	Part#	MAC Address	SN	IP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes
	E048							Media Converter				Nicon	n/a					Y	Y	Y	WL	
MC1	E049							Media Converter				Nicon						Y	Y	Y	WL	
KNT A/B C001	E051	88	A/B	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-31	3007581	192.168.2.21		Y	Y	Y	WL	
KNT A/B C002	E052	95	A/B	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-da	3006426	192.168.2.22		Y	Y	Y	WL	
KNT A/B C003	E053	89	A/B	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-51	3006289	192.168.2.23		Y	Y	Y	WL	
KNT A/B C004	E054	90	A/B	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-32	3007582	192.168.2.24		Y	Y	Y	WL	
KNT A/B C005	E055	303	A/B	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-66	3007634	192.168.2.25		Y	Y	Y	WL	
KNT A/B C006	E056	307	A/B	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-d1	3006417	192.168.2.26		Y	Y	Y	WL	
KNT A/B C007	E057	308	A/B	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-49	3006425	192.168.2.27		Y	Y	Y	WL	
KNT A/B C008	E058	305	A/B	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-64	3007632	192.168.2.28		Y	Y	Y	WL	
KNT A/B C009	E059	93	A/B	Lower		Exercise Yard		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-68	3007636	192.168.2.29		Y	Y	Y	WL	
KNT A/B C010	E060	96	A/B	Lower		Exercise Yard		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-63	3007631	192.168.2.30		Y	Y	Y	WL	
KNT A/B C011	E061	97	A/B	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-f9-ed-11-32-db	3006411	192.168.2.31		Y	Y	Y	WL	
KNT A/B C012	E062	317	A/B	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-f9-ed-11-32-cc	3006412	192.168.2.32		Y	Y	Y	WL	
KNT A/B C013	E063	100	A/B	Upper		218 Corridor North / South		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-26	3007578	192.168.2.33		Y	Y	Y	WL	
KNT A/B C014	E064	94	A/B	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-d0	3006416	192.168.2.34		Y	Y	Y	WL	
KNT A/B C015	E065	99	A/B	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-d3	3006419	192.168.2.35		Y	Y	Y	WL	
KNT A/B C016	E066	309	A/B	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-d2	3006418	192.168.2.36		Y	Y	Y	WL	
KNT A/B C017	E067	96	A/B	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-cd	3006413	192.168.2.37		Y	Y	Y	WL	
KNT A/B C018	E068	311	A/B	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-ce	3006414	192.168.2.38		Y	Y	Y	WL	
KNT A/B C019	E069	91	A/B	Upper		217 Corridor West		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-d4	3006420	192.168.2.39		Y	Y	Y	WL	
KNT A/B C020	E070	92	A/B	Upper		217 Corridor West		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-2f	3007579	192.168.2.40		Y	Y	Y	WL	
KNT A/B C021	E071	312	A/B	Upper		217 Corridor West		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-df	3006415	192.168.2.41		Y	Y	Y	WL	
KNT A/B C022	E072	313	A/B	Upper		217 Corridor West		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-26-30	3007590	192.168.2.42		Y	Y	Y	WL	
KNT A/B C023	E073	315	A/B	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-3f	3006271	192.168.2.43		Y	Y	Y	WL	
KNT A/B C024	E074	316	A/B	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-4a	3006276	192.168.2.44		Y	Y	Y	WL	
KNT C/D C025	E075	325	C/D	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-28-11	3008061	192.168.2.45		Y	Y	Y	WL	
KNT C/D C026	E076	326	C/D	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-99	3006361	192.168.2.46		Y	Y	Y	WL	
KNT C/D C027	E077	327	C/D	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-9a	3006362	192.168.2.47		Y	Y	Y	WL	
KNT C/D C028	E078	328	C/D	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-28-12	3008062	192.168.2.48		Y	Y	Y	WL	
KNT C/D C029	E079	329	C/D	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-28-13	3008063	192.168.2.49		Y	Y	Y	WL	
KNT C/D C030	E080	330	C/D	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-9b	3006363	192.168.2.50		Y	Y	Y	WL	
KNT C/D C031	E081	331	C/D	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-9c	3006364	192.168.2.51		Y	Y	Y	WL	
KNT C/D C032	E082	332	C/D	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-28-14	3008064	192.168.2.52		Y	Y	Y	WL	
KNT C/D C033	E083	333	C/D	Lower		Exercise Yard		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-28-15	3008065	192.168.2.53		Y	Y	Y	WL	
KNT C/D C034	E084	334	C/D	Lower		Exercise Yard		Camera	Fixed			SONY	DH120T	30-f9-ed-5e-28-16	3008066	192.168.2.54		Y	Y	Y	WL	
KNT C/D C035	E085	335	C/D	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-f9-ed-11-32-9d	3006365	192.168.2.55		Y	Y	Y	WL	
KNT C/D C036	E086	336	C/D	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-f9-ed-11-32-9e	3006366	192.168.2.56		Y	Y	Y	WL	
KNT C/D C037	E087	337	C/D	Upper		218 Corridor North / South		Camera	Fixed			SONY	DH120T	30-f9-ed-82-48-6b	3008343	192.168.2.57		Y	Y	Y	WL	
KNT C/D C038	E088	338	C/D	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-9f	3006367	192.168.2.58		Y	Y	Y	WL	
KNT C/D C039	E089	339	C/D	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-a0	3006368	192.168.2.59		Y	Y	Y	WL	
KNT C/D C040	E090	340	C/D	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-a1	3006369	192.168.2.60		Y	Y	Y	WL	
KNT C/D C041	E091	441	C/D	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-f9-ed-11-32-c0	3006400	192.168.2.61		Y	Y	Y	WL	
KNT C/D C042	E092	442	C/D	Upper		108 Security Control		Camera	Fixed			SONY	DH120T	30-f9-ed-82-48-6c	3008344	192.168.2.62		Y	Y	Y	WL	

Note: Where Serial #s are not available - Please use the MAC Address as the unique identifier for the equipment.
S:\CIS\DMIS\PIWS\SCS\1009-0074\0074 CCTV Equipment\Subdocs\BulbSchedule.xls\EN1009-0074 - Kent Institution - Equipment Schedule rev_1_09.xls

1009-0074 PIDS Kent Institution
CCTV SCHEDULE

10/25/2012

CCTV Equipment Identification										Equipment Type							COMMISSIONING						
CAM#	Equipment #	Logical IDs	Bldg	Level	Angle	FOV / Termination Location	Label	Equipment Description	Type	OID	PTZ	MR	Part	MAC Address	SN	IP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes	
KNT GD C043	E093	443	C/D	Upper		217 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-32-fd	3006399	192.168.2.63		Y	Y	Y	WL		
KNT GD C044	E094	444	C/D	Upper		217 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-6d	3008345	192.168.2.64		Y	Y	Y	WL		
KNT GD C045	E095	445	C/D	Upper		217 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-6e	3008346	192.168.2.65		Y	Y	Y	WL		
KNT GD C046	E096	446	C/D	Upper		217 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-32-be	3006398	192.168.2.66		Y	Y	Y	WL		
KNT GD C047	E097	447	C/D	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-bd	3006397	192.168.2.67		Y	Y	Y	WL		
KNT GD C048	E098	448	C/D	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-bc	3006396	192.168.2.68		Y	Y	Y	WL		
KNT EF C049	E099	449	E/F	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-c5	3008433	192.168.2.69		Y	Y	Y	WL		
KNT EF C050	E100	450	E/F	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-bb	3006395	192.168.2.70		Y	Y	Y	WL		
KNT EF C051	E101	451	E/F	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-32-ba	3006394	192.168.2.71		Y	Y	Y	WL		
KNT EF C052	E102	452	E/F	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-6f	3008347	192.168.2.72		Y	Y	Y	WL		
KNT EF C053	E103	453	E/F	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-70	3008348	192.168.2.73		Y	Y	Y	WL		
KNT EF C054	E104	454	E/F	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-32-b9	3006393	192.168.2.74		Y	Y	Y	WL		
KNT EF C055	E105	455	E/F	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-b8	3006392	192.168.2.75		Y	Y	Y	WL		
KNT EF C056	E106	456	E/F	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-b3	3008415	192.168.2.76		Y	Y	Y	WL		
KNT EF C057	E107	457	E/F	Lower		Exercise Yard		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-b4	3008416	192.168.2.77		Y	Y	Y	WL		
KNT EF C058	E108	458	E/F	Lower		Exercise Yard		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-b5	3008417	192.168.2.78		Y	Y	Y	WL		
KNT EF C059	E109	459	E/F	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-99-ed-11-32-b7	3006391	192.168.2.79		Y	Y	Y	WL		
KNT EF C060	E110	460	E/F	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-99-ed-11-32-67	3006311	192.168.2.80		Y	Y	Y	WL		
KNT EF C061	E111	461	E/F	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-82-f8-b6	3008418	192.168.2.81		Y	Y	Y	WL		
KNT EF C062	E112	462	E/F	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-68	3006312	192.168.2.82		Y	Y	Y	WL		
KNT EF C063	E113	463	E/F	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-99-ed-11-32-69	3006313	192.168.2.83		Y	Y	Y	WL		
KNT EF C064	E114	464	E/F	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-99-ed-11-32-6a	3006314	192.168.2.84		Y	Y	Y	WL		
KNT EF C065	E115	465	E/F	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-99-ed-11-32-6b	3006315	192.168.2.85		Y	Y	Y	WL		
KNT EF C066	E116	466	E/F	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-99-ed-11-32-6c	3006316	192.168.2.86		Y	Y	Y	WL		
KNT EF C067	E117	467	E/F	Upper		217 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-32-6d	3006317	192.168.2.87		Y	Y	Y	WL		
KNT EF C068	E118	468	E/F	Upper		217 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-b7	3008419	192.168.2.88		Y	Y	Y	WL		
KNT EF C069	E119	469	E/F	Upper		217 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-b8	3008420	192.168.2.89		Y	Y	Y	WL		
KNT EF C070	E120	470	E/F	Upper		217 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-32-6e	3006318	192.168.2.90		Y	Y	Y	WL		
KNT EF C071	E121	471	E/F	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-6f	3006319	192.168.2.91		Y	Y	Y	WL		
KNT EF C072	E122	472	E/F	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-32-70	3006320	192.168.2.92		Y	Y	Y	WL		
KNT GH C073	E123	478	G/H	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-c6	3008434	192.168.2.93		Y	Y	Y	WL		
KNT GH C074	E124	479	G/H	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-31-b3	3006131	192.168.2.94		Y	Y	Y	WL		
KNT GH C075	E125	480	G/H	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-31-b4	3006132	192.168.2.95		Y	Y	Y	WL		
KNT GH C076	E126	481	G/H	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-c7	3008435	192.168.2.96		Y	Y	Y	WL		
KNT GH C077	E127	319	G/H	Lower		017 Corridor West		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-c8	3008436	192.168.2.97		Y	Y	Y	WL		
KNT GH C078	E128	108	G/H	Lower		017 Corridor West		Camera	Fixed			SONY	CH120	30-99-ed-11-31-b5	3006133	192.168.2.98		Y	Y	Y	WL		
KNT GH C079	E129	320	G/H	Lower		018 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-31-b6	3006134	192.168.2.99		Y	Y	Y	WL		
KNT GH C080	E130	321	G/H	Lower		018 Corridor North / South		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-c9	3008437	192.168.2.100		Y	Y	Y	WL		
KNT GH C081	E131	103	G/H	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	DH160	30-99-ed-89-97-7c	3011143	192.168.2.101		Y	Y	Y	WL		
KNT GH C082	E132	106	G/H	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	DH160	30-99-ed-89-97-7b	3011142	192.168.2.102		Y	Y	Y	WL		
KNT GH C083	E133	107	G/H	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-99-ed-11-31-b7	3006135	192.168.2.103		Y	Y	Y	WL		
KNT GH C084	E134	108	G/H	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-99-ed-11-31-b8	3006136	192.168.2.104		Y	Y	Y	WL		
KNT GH C085	E135	557	G/H	Upper		218 Corridor North / South		Camera	Fixed			SONY	DH120T	30-99-ed-82-f8-ca	3008438	192.168.2.105		Y	Y	Y	WL		
KNT GH C086	E136	83	G/H	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-99-ed-11-31-b9	3006137	192.168.2.106		Y	Y	Y	WL		

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1009-0074 PIDS Kent Institution
CCTV SCHEDULE

10/25/2012

CCTV Equipment Identification										Equipment Type					COMMISSIONING							
CAM#	Equipment #	Logical IDs	Blidg	Level/2	Zone	FOV/Termination Location	Label	Equipment Description	Type	OID	PTZ	MR	Part#	MAC Address	SN	IP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes
KNT GH C087	E137	84	GH	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-9-ed-11-31-ba	3006138	192.168.2.107		Y	Y	Y	WL	
KNT GH C088	E138	335	GH	Upper		101 Corridor		Camera	Fixed			SONY	CH120	30-9-ed-11-31-bb	3006138	192.168.2.108						
KNT GH C089	E139	85	GH	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-9-ed-11-31-bc	3006140	192.168.2.109		Y	Y	Y	WL	
KNT GH C090	E140	473	GH	Upper		108 Security Control		Camera	Fixed			SONY	CH120	30-9-ed-11-31-77	3006071	192.168.2.110		Y	Y	Y	WL	
KNT GH C091	E141	86	GH	Upper		017 Corridor West		Camera	Fixed			SONY	CH120	30-9-ed-11-31-78	3006072	192.168.2.111		Y	Y	Y	WL	
KNT GH C092	E142	87	GH	Upper		017 Corridor West		Camera	Fixed			SONY	DH120T	30-9-ed-82-8b-8b	3008391	192.168.2.112		Y	Y	Y	WL	
KNT GH C093	E143	475	GH	Upper		017 Corridor West		Camera	Fixed			SONY	DH120T	30-9-ed-82-8b-9c	3008392	192.168.2.113		Y	Y	Y	WL	
KNT GH C094	E144	476	GH	Upper		017 Corridor West		Camera	Fixed			SONY	CH120	30-9-ed-11-31-79	3006073	192.168.2.114		Y	Y	Y	WL	
KNT GH C095	E145	474	GH	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-9-ed-11-31-7a	3006074	192.168.2.115		Y	Y	Y	WL	
KNT GH C096	E146	477	GH	Upper		218 Corridor North / South		Camera	Fixed			SONY	CH120	30-9-ed-11-31-7b	3006075	192.168.2.116		Y	Y	Y	WL	
KNT JK C097	E147	114	JK	Lower		013 Corridor West		Camera	Fixed			SONY	CH120	30-9-ed-11-31-7c	3006076	192.168.2.117		Y	Y	Y	WL	
KNT JK C098	E148	111	JK	Lower		013 Corridor West		Camera	Fixed			SONY	CH120	30-9-ed-11-31-7d	3006077	192.168.2.118		Y	Y	Y	WL	
KNT JK C099	E149	112	JK	Lower		019 North Corridor		Camera	Fixed			SONY	CH120	30-9-ed-11-31-7e	3006078	192.168.2.119		Y	Y	Y	WL	
KNT JK C100	E150	115	JK	Lower		019 North Corridor		Camera	Fixed			SONY	CH120	30-9-ed-11-31-7f	3006079	192.168.2.120		Y	Y	Y	WL	
KNT JK C101	E151	113	JK	Lower		019 North Corridor		Camera	Fixed			SONY	CH120	30-9-ed-11-31-80	3006080	192.168.2.121		Y	Y	Y	WL	
KNT JK C102	E152	411	JK	Lower		019 North Corridor		Camera	Fixed			SONY	CH120	30-9-ed-11-32-71	3006321	192.168.2.122		Y	Y	Y	WL	
KNT JK C103	E153	119	JK	Lower		013 Corridor West		Camera	Fixed			SONY	CH120	30-9-ed-11-32-73	3006323	192.168.2.123		Y	Y	Y	WL	
KNT JK C104	E154	403	JK	Lower		013 Corridor West		Camera	Fixed			SONY	CH120	30-9-ed-11-32-74	3006324	192.168.2.124		Y	Y	Y	WL	
KNT JK C105	E155	159	JK	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	DH160	30-9-ed-9e-55-67	3012078	192.168.2.125		Y	Y	Y	WL	
KNT JK C106	E156	162	JK	Outdoor		Exercise Yard		Camera	Fixed			SONY	CH120	30-9-ed-11-32-75	3006325	192.168.2.126		Y	Y	Y	WL	
KNT JK C107	E157	163	JK	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	DH160	30-9-ed-9e-55-69	3012080	192.168.2.127		Y	Y	Y	WL	
KNT JK C108	E158	160	JK	Outdoor		Exercise Yard		Camera	Fixed	Y		SONY	CH120	30-9-ed-11-32-76	3006326	192.168.2.128		Y	Y	Y	WL	
KNT JK C109	E159	121	JK	Upper		Range 213		Camera	Fixed			SONY	CH120	30-9-ed-11-32-77	3006327	192.168.2.129		Y	Y	Y	WL	
KNT JK C110	E160	116	JK	Upper		Range 213		Camera	Fixed			SONY	CH120	30-9-ed-11-32-78	3006328	192.168.2.130		Y	Y	Y	WL	
KNT JK C111	E161	118	JK	Upper		Range 219		Camera	Fixed			SONY	CH120	30-9-ed-11-32-79	3006329	192.168.2.131		Y	Y	Y	WL	
KNT JK C112	E162	110	JK	Upper		Range 219		Camera	Fixed			SONY	DH120T	30-9-ed-82-8d-9d	3008393	192.168.2.132		Y	Y	Y	WL	
KNT JK C113	E163	117	JK	Upper		Range 219		Camera	Fixed			SONY	DH120T	30-9-ed-82-8d-9e	3008394	192.168.2.133		Y	Y	Y	WL	
KNT JK C114	E164	109	JK	Upper		Range 219		Camera	Fixed			SONY	CH120	30-9-ed-11-32-7a	3006330	192.168.2.134		Y	Y	Y	WL	
KNT JK C115	E165	120	JK	Upper		Range 213		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-80	3008396	192.168.2.135		Y	Y	Y	WL	
KNT JK C116	E166	122	JK	Upper		Range 213		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-81	3008395	192.168.2.136		Y	Y	Y	WL	
KNT JK C117	E167	183	JK	Upper		Room 123		Camera	Fixed			SONY	CH120	30-9-ed-11-32-35	3006261	192.168.2.137		Y	Y	Y	WL	
KNT JK C118	E168	164	JK	Upper		Room 123		Camera	Fixed			SONY	CH120	30-9-ed-11-32-36	3006262	192.168.2.138		Y	Y	Y	WL	
KNT JK C119	E169	191	JK	Upper		Corridor 125		Camera	Fixed			SONY	CH120	30-9-ed-11-32-37	3006263	192.168.2.139		Y	Y	Y	WL	Existing Enclosure
KNT JK C120	E170	192	JK	Upper		Corridor 125		Camera	Fixed			SONY	CH120	30-9-ed-11-32-38	3006264	192.168.2.140		Y	Y	Y	WL	Existing Enclosure
KNT Q C121	E171	138	Q			Q119 Staff Dining		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-81	3008397	192.168.3.21		Y	Y	Y	WL	
KNT Q C122	E172	139	Q			Q117 Food Cart PREP. Area		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-82	3008398	192.168.3.22		Y	Y	Y	WL	
KNT Q C123	E173	140	Q			Q117 Food Cart PREP. Area		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-83	3008399	192.168.3.23		Y	Y	Y	WL	
KNT Q C124	E174	141	Q			Q117 Food Cart PREP. Area		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-84	3008400	192.168.3.24		Y	Y	Y	WL	
KNT Q C125	E175	142	Q			Q117 Food Cart PREP. Area		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-85	3008401	192.168.3.25		Y	Y	Y	WL	
KNT Q C126	E176	143	Q			Q113 Corridor		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-86	3008402	192.168.3.26		Y	Y	Y	WL	
KNT Q C127	E177	149	Q			Q113 Corridor		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-87	3008403	192.168.3.27		Y	Y	Y	WL	
KNT Q C128	E178	160	Q			Q100 Dish Wash		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-88	3008404	192.168.3.28		Y	Y	Y	WL	
KNT Q C129	E179	129	Q			Q116 Inmate Sanitary		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-89	3008405	192.168.3.29		Y	Y	Y	WL	
KNT Q C130	E180	144	Q			Q116 Inmate Sanitary		Camera	Fixed			SONY	DH120T	30-9-ed-82-8e-8a	3008406	192.168.3.30		Y	Y	Y	WL	

Note: Where Serial #s are not available - Please use the MAC Address as the unique identifier for the equipment.
S:\CIS\DMISRPW\SCS\CCTV1009-0074-Schedule.xls Equipment\Subdocs\1009-0097 - Kent Institution - Equipment Schedule rev. 1_09.xls

1009-0074 PIDS Kent Institution
CCTV SCHEDULE

10/25/2012

CCTV Equipment Identification										Equipment Type						COMMISSIONING						
CAM#	Equipment #	Logical IDs	Bldg	Level/2	Room#	FOV/Termination Location	Label	Equipment Description	Type	OID	PTZ	MR	Part#	MAC Address	SN	IP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes
KNT Q C131	E181	Q				Q110 Cooking & Assembly		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-ab	3008407	192.168.3.31		Y	Y	Y	WL	
KNT Q C132	E182	Q				Q110 Cooking & Assembly		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-ac	3008408	192.168.3.32		Y	Y	Y	WL	
KNT Q C133	E183	Q				Q118 Pot Room		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-ad	3008409	192.168.3.33		Y	Y	Y	WL	
KNT Q C134	E184	Q				Q114 Vegetable Preparation		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-ae	3008410	192.168.3.34		Y	Y	Y	WL	
KNT Q C135	E185	Q				Q114 Vegetable Preparation		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-af	3008411	192.168.3.35		Y	Y	Y	WL	
KNT Q C136	E186	Q				Q102 Bakery		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-b0	3008412	192.168.3.36		Y	Y	Y	WL	
KNT Q C137	E187	Q				Q102 Bakery		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-b1	3008413	192.168.3.37		Y	Y	Y	WL	
KNT Q C138	E188	Q				Q106 Meat Preparation		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-b2	3008414	192.168.3.38		Y	Y	Y	WL	
KNT R C139	E189	Q				R100 Gymnasium		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-b6	3008361	192.168.3.39		Y	Y	Y	WL	
KNT R C140	E190	R				R100 Gymnasium		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-7e	3008362	192.168.3.40		Y	Y	Y	WL	
KNT R C141	E191	R				R100 Gymnasium		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-7f	3008363	192.168.3.41		Y	Y	Y	WL	
KNT R C142	E192	R				R100 Gymnasium		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-90	3008364	192.168.3.42		Y	Y	Y	WL	
KNT R C143	E193	R				R100 Gymnasium		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-81	3008365	192.168.3.43		Y	Y	Y	WL	
KNT R C144	E194	R				R100 Gymnasium		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-82	3008366	192.168.3.44		Y	Y	Y	WL	
KNT R C145	E195	R				R107 Weight PIT		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-89	3008373	192.168.3.45		Y	Y	Y	WL	
KNT R C146	E196	Q				R107 Weight PIT		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-8a	3008374	192.168.3.46		Y	Y	Y	WL	
KNT R C147	E197	R				R107 Weight PIT		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-8b	3008375	192.168.3.47		Y	Y	Y	WL	
KNT R C148	E198	R				R107 Weight PIT		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-8c	3008376	192.168.3.48		Y	Y	Y	WL	
KNT WAC C149	E199	WAC	1			VC104 Visiting Restricted		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-8d	3008377	192.168.3.49		Y	Y	Y	WL	
KNT WAC C150	E200	WAC	1			VC104 Visiting Restricted		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-8e	3008378	192.168.3.50		Y	Y	Y	WL	
KNT WAC C151	E201	WAC	1			VC104 Visiting Restricted		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-8f	3008379	192.168.3.51		Y	Y	Y	WL	
KNT WAC C152	E202	WAC	1			VC104 Visiting Restricted		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-90	3008380	192.168.3.52		Y	Y	Y	WL	
KNT WAC C153	E203	WAC	1			VC103 Visiting Lounge		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-91	3008381	192.168.3.53		Y	Y	Y	WL	
KNT WAC C154	E204	WAC	1			VC103 Visiting Lounge		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-92	3008382	192.168.3.54		Y	Y	Y	WL	
KNT WAC C155	E205	WAC	1			VC103 Visiting Lounge		Camera	PTZ	Y	Y	AXIS	P5532	00408CC25AA2	N/A	192.168.3.55		Y	Y	Y	WL	
KNT WAC C156	E206	WAC	1			VC103 Visiting Lounge		Camera	PTZ	Y	Y	AXIS	P5532	00408CC259FA	N/A	192.168.3.56		Y	Y	Y	WL	
KNT WAC C157	E207	WAC	1			VC108 Patlon		Camera	PTZ	Y	Y	AXIS	P5532E	00408CC25DF5	N/A	192.168.3.57		Y	Y	Y	WL	
KNT WAC C158	E208	WAC	1			VC108 Patlon		Camera	PTZ	Y	Y	AXIS	P5532E	00408CC25E3D	N/A	192.168.3.58		Y	Y	Y	WL	
KNT PEC C159	E209	PEC	1			PE103 Vestibule		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-93	3008383	192.168.3.59		Y	Y	Y	WL	
KNT PEC C160	E210	PEC	1			PE102 Scanners		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-94	3008384	192.168.3.60		Y	Y	Y	WL	
KNT PEC C161	E211	PEC	1			PE100 Vestibule		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-93	3008387	192.168.3.61		Y	Y	Y	WL	
KNT PEC C162	E212	PEC	1			PE114 Covered Entry		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-94	3008388	192.168.3.62		Y	Y	Y	WL	
KNT PEC C163	E213	PEC	1			Sally Port		Camera	PTZ	Y	Y	AXIS	P5532E	00408CC25E29	N/A	192.168.3.63		Y	Y	Y	WL	
KNT V C164	E401	V						Camera	Fixed			SONY	DH120T	30-19-ed-82-18-95	3008389	192.168.1.94		Y	Y	Y	WL	
KNT V C165	E402	V						Camera	Fixed			SONY	DH120T	30-19-ed-82-18-96	3008370	192.168.1.95		Y	Y	Y	WL	
KNT V C166	E403	V						Camera	Fixed			SONY	DH120T	30-19-ed-82-18-97	3008371	192.168.1.96		Y	Y	Y	WL	
KNT V C167	E404	V						Camera	Fixed			SONY	DH120T	30-19-ed-82-18-98	3008372	192.168.1.97		Y	Y	Y	WL	
KNT MCC C172	E409	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-99	3008389	192.168.3.72		Y	Y	Y	WL	
KNT MCC C173	E410	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-9a	3008390	192.168.3.73		Y	Y	Y	WL	
KNT MCC C174	E411	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-9b	3008357	192.168.3.74		Y	Y	Y	WL	
KNT MCC C175	E412	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-9c	3008356	192.168.3.75		Y	Y	Y	WL	
KNT MCC C176	E413	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-9d	3008351	192.168.3.76		Y	Y	Y	WL	
KNT MCC C177	E414	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-9e	3008355	192.168.3.77		Y	Y	Y	WL	
KNT MCC C178	E415	MCCP	1			Corridor		Camera	Fixed			SONY	DH120T	30-19-ed-82-18-9f	3008354	192.168.2.177		Y	Y	Y	WL	

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1009-0074 PIDS Kent Institution
CCTV SCHEDULE

10/25/2012

CCTV Equipment Identification										Equipment Type										COMMISSIONING				
CAM#	Equipment #	Logical IDs	Blkg	Level/2	Range	FOV/Termination Location	Label	Equipment Description	Type	OID	PTZ	MR	Part	MAC Address	SN	IP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes		
KNT MCC C179	E416	229	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-75	3008355	192.168.3.79		Y	Y	Y	WL			
KNT MCC C180	E417	179	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-71	3008348	192.168.3.80		Y	Y	Y	WL			
KNT MCC C181	E418	180	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-7c	3008360	192.168.3.81		Y	Y	Y	WL			
KNT MCC C182	E419	181	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-7b	3008359	192.168.3.82		Y	Y	Y	WL			
KNT MCC C183	E420	182	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-72	3008350	192.168.3.83		Y	Y	Y	WL			
KNT MCC C184	E421	155	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-7a	3008358	192.168.3.84		Y	Y	Y	WL			
KNT MCC C185	E422	156	MCCP	1		Corridor		Camera	Fixed				SONY	30-19-ed-82-18-74	3008352	192.168.3.85		Y	Y	Y	WL			
KNT PE C186	263	PE				PE Back Door		Camera	Fixed				SONY			192.168.3.86		Y	Y	Y	WL			
KNT vSTAC-1	E251		CER	1				vSTAC						00-0c-29-2a-d1-c	GS9S7S1	192.168.1.31		Y	Y	Y	WL			
KNT vSTAC-2	E252		CER	1				vSTAC						00-0c-29-2a-97-d0	JRS7S1	192.168.1.32		Y	Y	Y	WL			
KNT vSTAC-3	E253		CER	1				vSTAC						00-0c-29-1c-e3-35	GRS7S1	192.168.1.33		Y	Y	Y	WL			
KNT vSTAC-4	E254		CER	1				vSTAC						8V9S7S1	192.168.1.34		Y	Y	Y	WL				
KNT vSTAC-5	E255		CER	1				vSTAC						00-0c-29-22-7d-6d	31JS7S1	192.168.1.35		Y	Y	Y	WL			
KNT vSTAC-6	E256		CER	1				vSTAC						00-0c-29-83-53-15	9RS7S1	192.168.1.36		Y	Y	Y	WL			
KNT vSTAC-7	E257		CER	1				vSTAC						00-0c-29-17-80-d1	ZHL7S1	192.168.1.37		Y	Y	Y	WL			
KNT vSTAC-8	E258		CER	1				vSTAC						51JS7S1	192.168.1.38		Y	Y	Y	WL				
KNT vSTAC-9	E259		CER	1				vSTAC						00-0c-29-4c-36-b6	GRJS7S1	192.168.1.39		Y	Y	Y	WL			
KNT vSTAC-10	E260		CER	1				vSTAC						00-0c-29-39-37-28	HMNS7S1	192.168.1.40		Y	Y	Y	WL			
KNT vSTAC-11	E261		CER	1				vSTAC						00-0c-29-30-83-d6	FKRS7S1	192.168.1.41		Y	Y	Y	WL			
KNT vSTAC-12	E262		CER	1				vSTAC						90DS7S1	192.168.1.42		Y	Y	Y	WL				
KNT NVUS6	E271	A/B	Tunnel					Workstation						c8-60-00-5a-18-1c	V200062	192.168.1.50		Y	Y	Y	WL			
KNT NVUS7	E272	A/B	Tunnel					Workstation						c8-60-00-5a-17-b1	V200068	192.168.1.51		Y	Y	Y	WL			
KNT NVUS8	E273	A/B	Tunnel					Workstation						c8-60-00-5a-0a-75	V200042	192.168.1.52		Y	Y	Y	WL			
KNT NVUS10	E276	C/D	Tunnel					Workstation						c8-60-00-5a-17-c2	V200059	192.168.1.55		Y	Y	Y	WL			
KNT NVUS11	E276	C/D	Tunnel					Workstation						c8-60-00-5a-17-bd	V200059	192.168.1.55		Y	Y	Y	WL			
KNT NVUS12	E277	C/D	Tunnel					Workstation						c8-60-00-5a-17-63	V200060	192.168.1.56		Y	Y	Y	WL			
KNT NVUS14	E279	E/F	Tunnel					Workstation						c8-60-00-5a-0e-84	V200035	192.168.1.58		Y	Y	Y	WL			
KNT NVUS15	E280	E/F	Tunnel					Workstation						c8-60-00-5a-10-9c	V200062	192.168.1.59		Y	Y	Y	WL			
KNT NVUS16	E281	E/F	Tunnel					Workstation						c8-60-00-5a-0e-28	V200040	192.168.1.60		Y	Y	Y	WL			
KNT NVUS18	E283	G/H	Tunnel					Workstation						c8-60-00-5a-17-04	V200058	192.168.1.62		Y	Y	Y	WL			
KNT NVUS19	E284	G/H	Tunnel					Workstation						c8-60-00-5a-0e-5f	V200038	192.168.1.63		Y	Y	Y	WL			
KNT NVUS20	E285	G/H	Tunnel					Workstation						c8-60-00-5a-16-5f	V200066	192.168.1.64		Y	Y	Y	WL			
KNT NVUS22	E287	JK		2				Workstation						c8-60-00-5a-16-25	V200081	192.168.1.66		Y	Y	Y	WL			
KNT NVUS23	E288					Aboriginal Area		Workstation								192.168.1.67		Y	Y	Y	WL			
KNT NVUS24	E289	JK		2				Workstation						c8-60-00-5a-17-42	V200069	192.168.1.68		Y	Y	Y	WL			
KNT NVUS26	E291	Q						Workstation						c8-60-00-5a-0e-8d	V200037	192.168.1.70		Y	Y	Y	WL			
KNT NVUS27	E292	Q						Workstation						c8-60-00-5a-17-c1		192.168.1.67		Y	Y	Y	WL			
KNT NVUS28	E293	R		1				Workstation						c8-60-00-5a-0e-4a		192.168.1.102		Y	Y	Y	WL			
KNT NVUS29	E294	V&C		1				Workstation						c8-60-00-5a-17-c1		192.168.1.103		Y	Y	Y	WL			
KNT NVUS30	E295	PE		1				Workstation						c8-60-00-5a-0e-9a	V200044	192.168.1.104		Y	Y	Y	WL			
KNT NVUS31	E296	PE		1				Workstation						c8-60-00-5a-15-f	V200088	192.168.1.105		Y	Y	Y	WL			
KNT NVUS34	E299	98Man		1				Workstation						c8-60-00-5a-17-61		192.168.1.108		Y	Y	Y	WL			
KNT NVUS35	E300	ECp		1				Workstation								192.168.1.109		Y	Y	Y	WL			
KNT NVUS39	E304	MCCP		1				Workstation						c8-60-00-5a-15-12		192.168.1.113		Y	Y	Y	WL			

Note: Where Serial #s are not available - Please use the MAC Address as the unique identifier for the equipment.
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1009-0074 PIDS Kent Institution
CCTV SCHEDULE

10/25/2012

CCTV Equipment Identification										Equipment Type										COMMISSIONING				
CAM#	Equipment #	Logical IDs	Blkg	Level/2	Range	FOV/Termination Location	Label	Equipment Description	Type	OID	PTZ	MR	Part#	MAC Address	SN	SP #	Comm Bn	Installed	Programmed	Tested	Tech	Comments and Notes		
KNT NVUS840	E305		MCCP	1				Workstation						c8-60-00-5a-17-24	V200057	192.168.1.114		Y	Y	Y	WL			
KNT NVUS841	E306		MCCP	1				Workstation						c8-60-00-5e-cd-23	V200039	192.168.1.115		Y	Y	Y	WL			
KNT NVUS842	E307		CER	1				Workstation						54-04-a6-a4-33-4b	V101183	192.168.1.116		Y	Y	Y	WL			
KNT NVUS843	E308		CER	1				Workstation						c8-60-00-5e-cd-23		192.168.1.117		Y	Y	Y	WL			
KNT SW4	E321		A/B	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-be		192.168.1.174		Y	Y	Y	WL			
KNT SW5	E322		A/B	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-8a		192.168.1.175		Y	Y	Y	WL			
KNT SW6	E323		C/D	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-1e		192.168.1.176		Y	Y	Y	WL			
KNT SW7	E324		C/D	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-4e		192.168.1.177		Y	Y	Y	WL			
KNT SW8	E325		E/F	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-22		192.168.1.178		Y	Y	Y	WL			
KNT SW9	E326		E/F	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-1a		192.168.1.179		Y	Y	Y	WL			
KNT SW10	E327		G/H	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-ac		192.168.1.180		Y	Y	Y	WL			
KNT SW11	E328		G/H	Tunnel				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-14		192.168.1.181		Y	Y	Y	WL			
KNT SW12	E329		J/K	2				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-e0		192.168.1.182		Y	Y	Y	WL			
KNT SW13	E330		J/K	2				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-b0		192.168.1.183		Y	Y	Y	WL			
KNT SW14	E331		Q					Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-9e		192.168.1.184		Y	Y	Y	WL			
KNT SW15	E332		Q					Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-12		192.168.1.185		Y	Y	Y	WL			
KNT SW16	E333		R	Gym				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-18		192.168.1.186		Y	Y	Y	WL			
KNT SW17	E334		V&C	MCCP				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-9c		192.168.1.187		Y	Y	Y	WL			
KNT SW18	E335		PE	PE				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-10		192.168.1.188		Y	Y	Y	WL			
KNT SW20	E337		MCCP	1				Network Switch	XGS3-24040				PLANET	00-30-4f-8a-12-0c		192.168.1.190		Y	Y	Y	WL			
KNT SW21	E338		CER					Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-a8		192.168.1.171		Y	Y	Y	WL			
KNT SW22	E339		CER					Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-a4		192.168.1.172		Y	Y	Y	WL			
KNT SW23	E340		CER					Network Switch	XGS3-24040				PLANET	00-30-4f-8a-11-02		192.168.1.173		Y	Y	Y	WL			
KNT SW24	E341		CER					Network Switch	WGSW-50040				PLANET					Y	Y	Y	WL			
KNT SW25	E342		CER					Network Switch	WGSW-50040				PLANET	00-30-4f-8a-e3-95		192.168.1.241		Y	Y	Y	WL			
KNT SW26	E343		96	2				Network Switch	XGS3-24042				PLANET	00-30-4f-8a-e3-97		192.168.1.242		Y	Y	Y	WL			
KNT SW27	E344		96	2				Network Switch	XGS3-24042				PLANET	00-30-4f-8a-e3-99		192.168.1.243		Y	Y	Y	WL			
KNT SW28	E345		96	2				Network Switch	XGS3-24042				PLANET	00-30-4f-8e-23-73		192.168.1.244		Y	Y	Y	WL			
KNT SW29	E346		96	2				Network Switch	XGS3-24042				PLANET					Y	Y	Y	WL			
KNT CNS1	E851		CER					Rack Mounted Console	CL1000M-A1-AA				ATEN					Y	Y	Y	WL			
KNT GH C220		406	G/H					Existing Camera			N			Existing Camera	N/A	192.168.2.180		Y	Y	Y	WL			
KNT GH C221		407	G/H					Existing Camera			N			Existing Camera	N/A	192.168.2.181		Y	Y	Y	WL			
KNT GH C222		408	G/H					Existing Camera			N			Existing Camera	N/A	192.168.2.182		Y	Y	Y	WL			
KNT GH C223		409	G/H					Existing Camera			N			Existing Camera	N/A	192.168.2.183		Y	Y	Y	WL			
KNT CD C224		410	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.184		Y	Y	Y	WL			
KNT CD C225		561	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.185		Y	Y	Y	WL			
KNT CD C226		267	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.186		Y	Y	Y	WL			
KNT CD C227		268	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.187		Y	Y	Y	WL			
KNT AB C228		269	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.188		Y	Y	Y	WL			
KNT AB C229		270	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.189		Y	Y	Y	WL			
KNT AB C230		271	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.190		Y	Y	Y	WL			
KNT AB C231		272	C/D					Existing Camera			N			Existing Camera	N/A	192.168.2.191		Y	Y	Y	WL			
KNT EF C232		273	E/F					Existing Camera			N			Existing Camera	N/A	192.168.2.192		Y	Y	Y	WL			
KNT EF C233		274	E/F					Existing Camera			N			Existing Camera	N/A	192.168.2.193		Y	Y	Y	WL			

Note: Where Serial #s are not available - Please use the MAC Address as the unique identifier for the equipment.
S:\CIS\DMISRPW\GSC\CCTV1009-0074-Bullas\Schedule.xls\KENT1009-0074 - Kent Institution - Equipment Schedule rev_1_09.xls

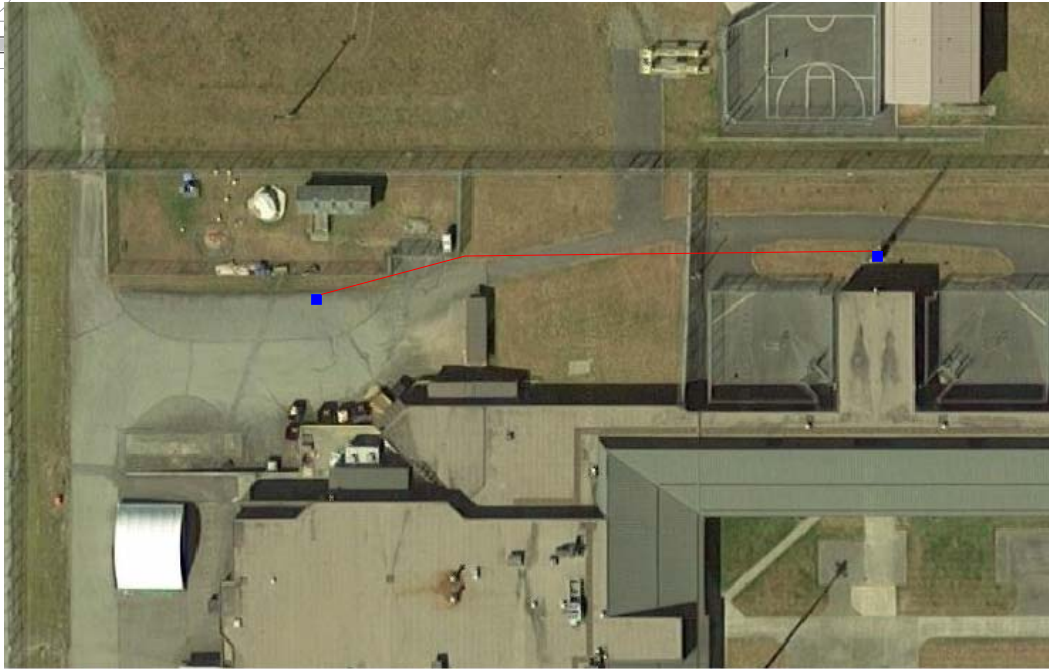
Note: Where Serial #s are not available - Please use the MAC Address as the unique identifier for the equipment.
S:\CUSTOMERS\SPWGSC CSC\1009-0097 CCTV Equipment\JobDoc As-Built\Schedule st\KENT\1009-0097 - Kent Institution - Equipment Schedule rev_1_00.xls

S:\CUSTOMERS\IPWGSC CSC\1009-0097 CCTV Equipment\JobDoc\As-Builts\Schedules\KENT\1009-0097 - Kent Institution - Equipment Schedule rev_1_09.xlsx - VLAN

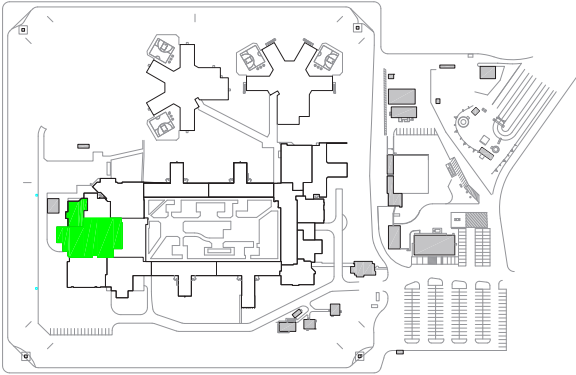
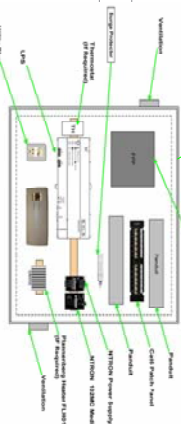
EXISTING SERVICE BOX TO
TIE NEW CAMERA INTO



Ground scanning must be done prior to any excavating any services must be excavated using Hydro-Vac-ing. The trench shall be a minimum of 2 feet deep and the area must be restored to existing.



TYPICAL SERVICE BOX



CORRECTIONAL SERVICE CANADA	
KENT INSTITUTION	
CCTV PROJECT	
DATE: 2017/06/21	BY: [Signature]
WILKINSON	
CCTV ABORIGINAL PROGRAMS AREA	
10 OF 19	1

UPS INFORMATION

Location	Type	Qty	Input Voltage	Output Voltage	Power VA	Bypass Switch	Run Time
POD1	Rack Mount	2	120 or 208	120	5000	Yes	30 min @ 2000 VA Load
POD2	Rack Mount	2	120 or 208	120	5000	Yes	30 min @ 2000 VA Load
Living Unit AB	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Living Unit CD	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Living Unit EF	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Living Unit GH	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Living Unit JK	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Hospital Control	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Principle Entrance	Rack Mount	1	120	120	2000	No	30 min @ 50% Load
Kitchen Control	Rack Mount	1	120	120	1000	No	15 min @ 50% Load
Kitchen Office	Desktop	1	120	120	750	No	15 min @ 50% Load
Hospital Control	Desktop	1	120	120	750	No	15 min @ 50% Load



Correctional Services Canada

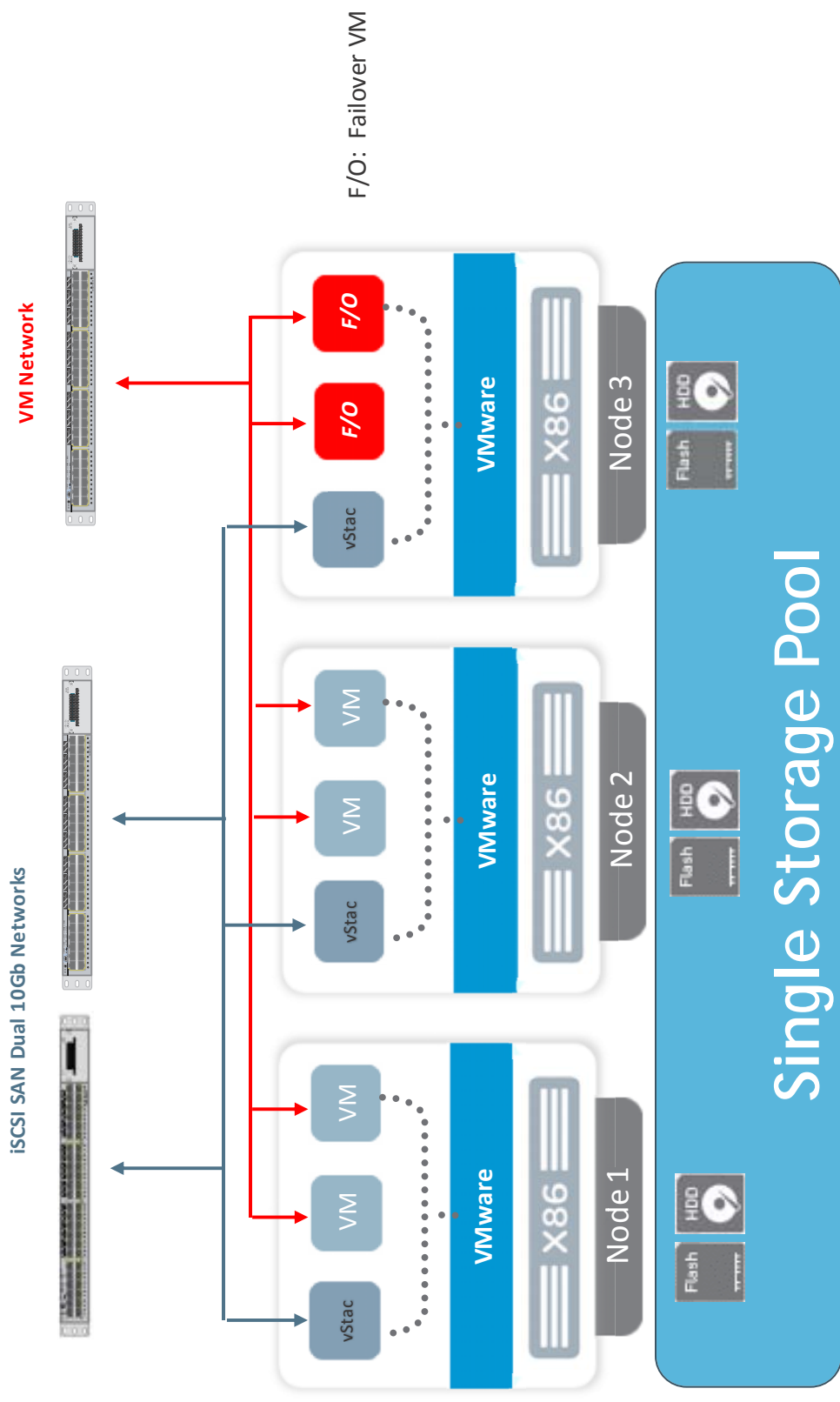
Kent Institution Refresh



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Pivot3 Architecture



- High Availability built in– N+1
- Redundant iSCSI networks
- Shared Storage, Compute and Network resources



The Pivot3 Advantage

vSTAC Watch is the Optimal Solution for Critical Video Surveillance

Value	<p>Consolidated storage and server appliances reduce capital and operational costs</p> <ul style="list-style-type: none">Virtual servers eliminate the need for dedicated server and failover hardware and licensesLess hardware = lower costs for acquisition, rack space, power, cooling and administration
Performance	<p>Optimized for uninterrupted ingest of write-intensive, long block data to prevent video loss</p> <ul style="list-style-type: none">Superior performance vs. off-the-shelf hardware designed for read-intensive IT workloadsStorage and compute resources aggregated, load balanced and available to all camerasAdvanced video optimizations → ElastiCache™, Direct Disk Access, Predictive Sparring
High Availability and Fault Tolerance	<p>Prevents downtime and protects against video loss during hardware and software failures</p> <ul style="list-style-type: none">No single point of failure for storage or virtual serversImmediate access to recorded video in case of appliance failureErasure Coding provides superior disk AND appliance failure protection vs. standard RAIDAutomatic server (VM) failover included with NO additional licenses or skillsets requiredNon-disruptive/destructive software upgrades, hardware maintenance and proactive diagnostics
Scalability	<p>Scale all required resources simply and cost effectively as requirements change</p> <ul style="list-style-type: none">Scale storage, RAM, CPU, cache and bandwidth linearly by simply adding appliancesExpand on the fly with no camera/recording downtime or video lossAutomatically configure new resources and balance performance without complex configuration
Surveillance Specialists	<p>Extensive, trusted and proven video surveillance and storage expertise</p> <ul style="list-style-type: none">Over 1,200 customers, 13,000 appliances, 220PB of video storage deployed + 21 tech patentsInteroperability testing with VMS and security vendor partnersIndustry-experienced pre-sale and post-sale support to help with design, sizing, configuration



Calculation - Recording

Network Bandwidth & Disk Space

Field of View & Lens Focal Length

+

Add new type

=

Remove

Columns

Cameras	Resolution	Compression	Motion %	FPS	Days	Recording %	Bitrate,kbit/s	Frame Size*, KB	Bandwidth, Mbit/s	Disk Space, GB	Col
500	1600x1200 (2 MP)	H.264-30 (Average Quality)	50 - Average	30	14	100	3441	14	1720.32	260112.4	

Important: Real frame size value highly depends on image complexity, lens and CCD/CMOS quality. For detailed explanation, please visit: www.tvsg.com/software/help/

Total FPS

15000

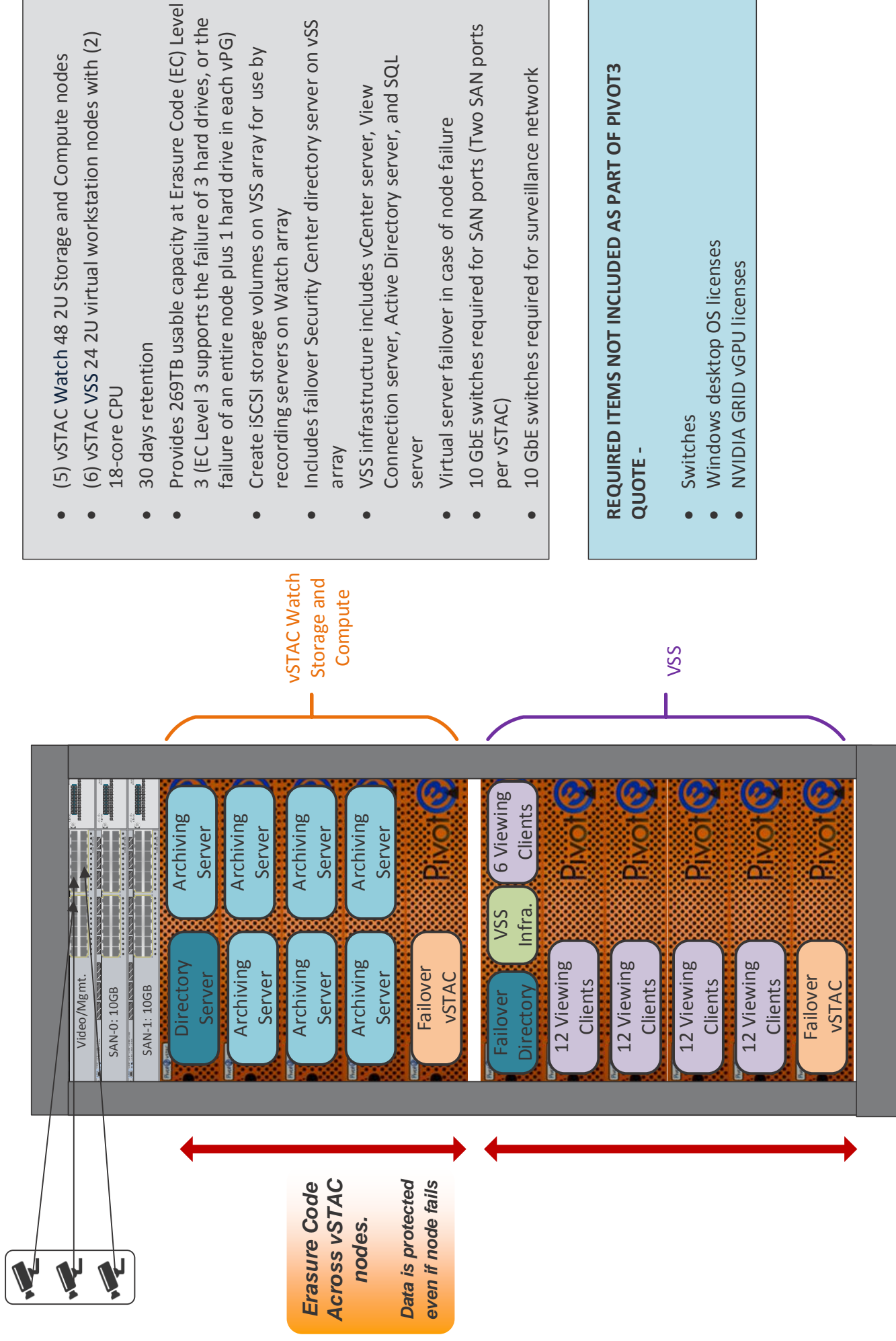
Disk space,GB

260112.4

Bandwidth, Mbit/s

1720.32

Design Diagram



Line Name	Package Product Code	Product	Quantity	Unit Cost (MSRP)	Net Total
vSTAC Watch 48					
QL-0758159	101-1064-0000	vSTAC Watch 48TB	5	\$21,000	\$105,000
QL-0758160		32GB (4x8GB) Memory Kit	5	\$0	\$0
QL-0758161		NIC: DC 2x10Gb + 2X1Gb Base-T & PCIe 2x10Gb Base-T	5	\$0	\$0
QL-0758162		Vstac OS 7.x	5	\$25,000	\$125,000
vSTAC Hybrid 24TB (VSS)					
QL-0758299	101-1082-00510	Pivot3 HCI Hybrid 24TB, 10-Core	6	\$20,000	\$120,000
QL-0758300		HCI 256 Memory Kit (8x32GB Dimms)	6	\$3,500	\$21,000
QL-0758301		NIC: DC 2x10Gb + 2X1Gb Base-T & PCIe 2x10Gb Base-T	6	\$0	\$0
QL-0758302		Vstac OS 7.x	6	\$33,000	\$198,000
Hardware warranty and support					
QL-0758166	16-0206-05-48	Watch 48TB Standard 5 year HW & SW Full Support	5	\$7,200	\$36,000
QL-0758312	16-0203-05-24	Hybrid 24TB, Standard 5 year HW & SW Full Support	6	\$6,700	\$40,200
VSS Kit					
QL-0758187	20-0323-00	GPU - Single M60 Hardware Acceleration Upgrade Kit, does not include GRID 3.0 Software function (GRID 3.0 SW is licensed per VDI session and must be acquired from a third party)	6	\$9,500	\$57,000
QL-0758188	52-0003-01	GPU - APEX 2800 Hardware Acceleration Upgrade Kit	6	\$4,000	\$24,000
Microsoft and VMware Licenses					
QL-0758271	82-0046-01	Windows Server 2012 x64 (Embedded) VM+Product Key	7	\$1,300	\$9,100
QL-0758269	16-0105-03	VMware Horizon View SW Support - 3 YR	1	\$1,950	\$1,950
QL-0758270	83-0006-05	VMware Horizon View 10PK CCU License	5	\$3,438	\$17,188
Services					
QL-0758272	17-0125-01	Professional Implementation Service - Pivot3 Appliance	2	\$4,000	\$8,000
QL-0758273	17-0108-04	A-Professional Services Travel-Flight and 1st Day Expenses	1	\$1,200	\$1,200
QL-0758274	17-0108-02	B-Additional Day T&E - Professional Services	4	\$350	\$1,400
				TOTAL	\$765,038

Sample Cabling Diagram

