

80-BRCC202603 - Modernize Campus Security Camera Platform

Addendum #2 – Responses to Vendor Questions

- Could you please confirm the brand of the existing video system?
 - S2 NetVR
- What is the existing Access System brand and should it be integrated with Video System?
 - S2 NetBox Extreme
 - We would prefer to integrate it into the security camera system or have a roadmap for how we can replace our current S2 NetBox extreme system in the future. However, integration is NOT required.
- What is the preferred brand for the new access control system?
 - We do not currently have plans to replace our S2 Netbox Extreme door access control system. We would consider replacing it in the future. However, we currently only have budget to replace our security camera software platform.
- Could you please provide the serial number of the existing NVR and confirm how many licenses it currently includes if we are going to use the same brand?
 - We are not necessarily looking to replace the current S2 NetVR system with a newer version of the same system.
 - We have already provided a list of servers and per server camera counts.
- Should JCI replace the entire existing system, or only specific components?
 - As stated in the RFP, we are looking to replace our current S2 NetVr system (5 total servers) with a new, more modern camera system. The scope of this RFP is limited to the security camera software platform and NOT the cameras themselves. The new system needs to work with our existing cameras AND be able to support current and future cameras that incorporate advanced AI features.
- Is JCI expected to provide all required cabling for the project?
 - The scope of list RFP is limited to the security camera software system. We are NOT replacing security cameras. Other than patch cables to new servers, we do not expect much if any cabling work to be involved.
- Regarding the referenced documents for “16 Buildings – Building 3 Campus,” can you confirm if the video system for all 16 buildings will be replaced?
 - Yes, the video system for all 16 buildings will be replaced.
 - We have 4 S2 NetVR servers that support 14 out of the 16 buildings

- The remaining 2 buildings use our 5th NetVR server
- Could you please share Division 28 documentation?
 - No. We do not feel this is necessary as the scope of this RFP is the security camera system SOFTWARE and NOT all the cameras.
 - Our existing cameras will stay in place at their current locations.
- Could you please provide the full site plan for the entire University campus?
 - The RFP document clearly states that the scope of this RFP is limited to the security camera system software platform only. This RFP does NOT include replacement of existing security cameras. Therefore, we do not feel it is necessary to provide full building and site plans.
 - Our campus maps including redacted floor plans are published in Google maps. You can browse to 180 W. Campus Drive, Flat Rock, NC 28731, 45 Oak Park Drive, Brevard, NC 28712, and 805 6th Ave West, Hendersonville, NC 28739 to view our three locations.
- Could you confirm the head-end location for the building?
 - Our security camera system is entirely IP based. Each security camera connects to our campus LAN. Therefore, there is no direct cabling from security cameras to servers.
 - 4 of our servers are located at 180 W. Campus Drive, Flat Rock 28731
 - 1 of our servers is located at 45 Oak Park Drive, Brevard, NC 28712
- Are we required to provide workstations and joystick controllers?
 - Yes, if the platform requires a proprietary workstation
 - No, if the platform works with standard Windows-based PC's
- Do we need to provide patch cables and patch panels?
 - No
 - The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
- Should JCI provide the PoE switches for the system?
 - No
 - The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
- What brand of NVR and cameras should be used for this project?
 - The purpose of this RFP is for vendors to submit their proposals for a solution that will best fit the requirements and provide the best value and total cost of ownership
- If fiber optics are required, will they be provided by a subcontractor?

- The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
 - All our existing cameras are already in place and connected to our LAN. We do not expect any new cabling to be needed.
- Please confirm whether raceways, backboxes, conduits, and other cable accessories will be provided by the Division 27 contractor.
 - The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
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- Is JCI responsible for lift rental if required for installation?
 - The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
- Could you please confirm the exact camera locations?
 - The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
- Please confirm whether markups and specifications are available and can be shared.
 - The scope of this project is limited to the security camera system software. We are NOT replacing our existing security cameras
- Do we need to provide monitors?
 - No
- Does the access have to be integrated as part of this RFP? Or can they stand alone with future integration possibilities?
 - The scope of this RFP is limited to the security camera software platform itself. The system can stand alone.
- Can a list of cameras and IP addresses be provided prior to install?
 - Yes, we will provide those details as well as any other relevant details to the awarded contractor prior to install.
- Are these servers colocated or in different facilities and will they need to be federated (clustered) or is each a standalone system?
 - Each of our current 5 servers are stand alone
 - We are open to a solution that involves either a series of stand alone servers or a federated system.
- How many workstations are needed?
 - If the software solution is compatible with standard Windows-based PC's, we do not need additional dedicated workstations.
- Will there be a SOC with a video wall?

- We have 3 ‘video wall’ stations. These stations are referred to as “S2 Magic Monitor” stations. We already have a dedicated Windows-based workstation at each location and large screen TV monitors.
 - Although we are open to replacing these, we are also cost conscious and would prefer to not replace if not necessary.
- 1-Can we get confirmation that a camera server replacement, and has no impact on the S2 Door integration hardware is acceptable. To clarify, can we offer an NVR that ONLY performs as an NVR, and BRCC will continue to use their S2 servers for door control of the existing modules until such time that a door upgrade is desired, as long as the offered server will still work with the S2 server to share door access integration?
 - Yes. The scope of this RFP is limited to the security camera software and server platform.
 - We expect to continue to use our existing S2 NetVR system. We do anticipate replacing the door access system (S2 NetBox Extreme) at some point in the future but that is outside the scope of this RFP.
 - Per the RFP requirements, we do prefer a solution that includes a way to integrate a door system in the future but that is a relatively low priority.
- Does BRCC want RAID storage?
 - Yes, each server should have industry-standard Enterprise grade RAID system for at least single drive fault tolerance. Our current servers use RAID 5 storage.
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- Can BRCC standardize their max capacity (meaning in camera quantity) for each of the 5 server locations? One location has 120 cams, and one has 22. You wouldn't want to pay for a server that "can" hold 120 cameras at the campus that only has 22 most likely. If possible, it would benefit BRCC greatly to take that 5

Server list of existing capacity, and from that tell us how large to size the replacement servers for max expected capacity per location.

- 4 out of the 5 servers are in the same physical location and are essentially interchangeable. Therefore, we can rebalance the number of cameras on each of these 4 servers according to vendor preference. We could standardize the capacity and evenly spread out the current load while including ~15% additional capacity for future growth. Or we can max out 3 out of the 4 servers and leave all the growth capacity in the 4th server.
 - The server identified as “Server 3 – Brevard Campus : 56 cameras, NetVR version 21.06.13” in the technical details addendum that was sent to vendors is the only server that is locked to a single campus.
 - We anticipate, at most, 75 total cameras at that location. Although we do not currently have any plans to increase the camera count at that location.
- Are you open to a cloud solution?
 - Yes
 - How many access controllers do you all currently have? What access system are you all currently using for access control? How many doors do you all need for access control?
 - The scope of this RFP is limited to the replacement of our security camera software platform and servers.
 - Although we would hope to have an integrated system in the future and we encourage vendors to provide a solution that has a roadmap for an integration solution, it is not required.
 - We currently have a S2 Netbox Extreme system with approximately 16 proprietary S2 controller nodes and 4 mercury board controllers.
 - We currently have approximately 80 access controlled doors.