



# BOONSBORO POLICE DEPARTMENT

---

241 Potomac Street, Boonsboro, Maryland. 21713  
Telephone: 301-432-6838, Fax: 301-432-4718

**Charles R Stanford**  
*Chief of Police*

6/29/2018

Mayor and Council  
Town of Boonsboro  
21 N. Main St.  
Boonsboro, MD 21713

Chief Charles Stanford  
Boonsboro Police Department  
241 Potomac Street  
Boonsboro, MD 21713

Dear Mayor and Council,

I am writing today to inform you of the police department's recommendation to upgrade the existing DVR system to a new NVR system. There are many benefits the public will derive from this new system. The list of public benefits is below:

## **PUBLIC BENEFITS:**

- **Higher video quality.** The current video quality is not meeting the standard. While zooming in, the video will become distorted, which makes it more difficult to identify suspects. The court system is trending toward video and photo clarity so there is no mistake about who the suspect is.
- **Reduction of lag time.** Currently, there is a lag time between the video feed and real time. This means the employee does not have a real time view of potential crime. Upgrading the DVR's will eliminate the lag time, which will result in a faster response time.
- **Avoidance of technical problems.** The existing DVR's are Window based. When a Windows update occurs, the police are unable to access the cameras. CIA must remote into the system and reconfigure the settings. The new NVR's will resolve this problem, because they are not Windows based. The new platform is through the internet.

- **Faster Access to Video Feed/Increased Response Time.** The new NVR runs faster, so we have the capability to access individual cameras quicker. This allows us to respond to potential crime faster.
- **Access in Vehicles.** The current system does not allow for the officers to have access in their vehicles. The new system gives officers the ability to download the video feed in the vehicle.
- **Better Clarity.** Provides for better directional capabilities in terms of camera angle, view, and locations.
- **Better Coverage.** Ability to capture activity in Sycamore Run and other congested traffic areas that do not have existing cameras.

### **COST:**

The original cost of the equipment was \$16,150. CIA is offering a 37% discount to the town, for a total cost of **\$10,150**. The Linux system is the “system of choice” based on its internet capabilities and our requirements. Of the two companies that we contacted for a quote, neither could support a Linux system. Since these companies cannot support a Linux system, we would be required to purchase a whole new set of thirty-one (31) cameras. This approach would be costly and unnecessary.

The cost includes:

- Two (2) Network Video Recorders (NVR)
- Two (2) License Plate Recognition (LPR) IP cameras
- One (1) Pan/Tilt/Zoom (PTZ) 4MP camera

### **FUNDING:**

Considering, the recently awarded grant (June 27, 2018) from the FY19 State Aid for Police Protection Fund (\$24K), there is sufficient funding available for this purchase.

### **RECOMMENDATION:**

Based on the analysis of alternative, we are recommending the purchase of the equipment through CIA. We have an existing contract in place with CIA, the cost is deeply discounted, and we are completely satisfied with their products and services.

Thank you,

Chief Stanford