

HERNANDO COUNTY SHERIFF'S OFFICE

INTEROFFICE MEMORANDUM

TO: Colonel Hayden via chain of command

FROM: Matthew Balogh, IT Director *MB 773*

SUBJECT: New CAD Software

DATE: 2/24/2023 *#1328*

For many months, the Hernando County Sheriff's Office IT and Communications Sections have been contemplating replacement of the Agency's current CAD system. This became an even greater priority when it was learned that technical support for the current system will cease in November 2023. Research was conducted, contacts made, and discussions were had between IT and Communications leadership in order to identify the very best vendors and products to meet our particular needs.

Based upon that preliminary phase, several members of the Sheriff's Office IT Section, Communications Section, Law Enforcement Operations Bureau, and Hernando County Fire and Emergency Services participated in the onsite evaluation of several CAD vendors. The vendors that were evaluated were Soma Global, Motorola, Hexagon, and Tyler. After hours of presentations and question and answer sessions, the evaluation team was most impressed with the Tyler solution.

On January 26th we had a follow-up deeper dive demo with Tyler. Several evaluation team members also visited Brevard County Sheriff's Office, Brevard County Fire Rescue, and Pinellas Park Police Department. I also spoke with Martin County SO and the City of Lakeland to gather additional insight from existing Tyler customers. Every existing Tyler customer has been pleased with the Tyler solutions and had many positive comments about Tyler as a company. Based on the information we have obtained, we believe that Tyler will be the best solution for our County. The Tyler solution will greatly enhance the current capabilities for both law enforcement and fire rescue services. Some highlights of the additional functionality include:

- Mobile phone and tablet functionality
- Increased fire/EMS recommendation options
- Integrated FCIC/NCIC searching within the mobile CAD
- Increased licensing flexibility for adding additional CAD or mobile clients
- Active development to add additional features
- Increased integrations with RMS if we switch to Tyler RMS
- Tracking deputy location using agency-assigned smartphones

After the initial demo with each vendor, we also requested preliminary pricing for upgrading our current system with Motorola. The Tyler solution is approximately half the cost of the Motorola and Hexagon solutions.

Tyler CAD	\$931,000
Motorola CAD	\$2,000,000 Estimate based on the \$2,800,000 quote for CAD and RMS
Hexagon CAD	\$2,100,000

The Soma Global solution was only marginally more expensive but the quote is over a year old and we do not recommend the Soma Global product based on a lack features and not having a successful deployment in Florida. For example Polk County SO has delayed their CAD implementation for over a year and they still have not migrated to Soma Global's CAD.

The approximate cost breakdown for the Tyler solution is below. The current CAD is no longer supported as of November 1, 2023 and it will take 6-12 months to implement a new solution. Some of the Tyler license and installation costs could be deferred until the next budget year, but the other items would need to be purchased this budget year so that the upgrade process can start.

<u>Item</u>	<u>Cost</u>
Tyler Licenses and Installation	\$ 722,161
SQL Enterprise	\$ 40,492
SQL Standard	\$ 10,000
Windows Server	\$ 10,000
VM Site Recovery Manager	\$ 6,000
Additional Vcenter	\$ 7,500
Additional Storage for new CAD	\$ 64,532
New Workstations	\$ 34,500
<u>Misc. Licenses</u>	<u>\$ 35,000</u>
Total	\$ 930,185

Potential Cost Breakdown

Agency	2022 CFS	Percent of Calls for Service	Cost Sharing Estimate
HCSO	101,123	63.03%	\$586,774
HCFES	38,830	24.20%	\$225,314
City of Brooksville	16,745	10.44%	\$97,164
BFD	3,748	2.34%	\$21,748
Total CFS	160,446		
Tyler Cost	\$931,000		

The most crucial items that need to be purchased this fiscal year as soon as possible are listed below. If necessary, the remainder can be deferred to the 2024 budget year.

SQL Enterprise	\$ 40,492
SQL Standard	\$ 10,000
Windows Server	\$ 10,000
VM Site Recovery Manager	\$ 6,000
Additional Vcenter	\$ 7,500
Additional Storage for new CAD	\$ 64,532
New Workstations	\$ 34,500
Total	\$ 173,024

The Tyler Records Management Software solution was also evaluated and we believe that there are many benefits to having a single platform for both CAD and RMS. At this time, we recommend focusing on the CAD purchase and installation while budgeting for the RMS purchase next fiscal year. The RMS licenses will be approximately \$450,000. The Tyler RMS solution will replace the existing ACISS solution. ACISS will still be used for historic records, but the license count will be greatly reduced.

We recommend proceeding with the Tyler CAD purchase as soon as a funding and procurement plan is agreed upon by the County.



DEPARTMENT OF PUBLIC SAFETY
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February 22, 2023

Re: Tyler CAD Solution

During the past year, I have been involved with the Information Technology Division of the Hernando Sheriff's Office while evaluating different CAD solutions for the replacement of the current platform.

At the conclusion of the process, I agree that the Tyler Solution will provide the best solution for both Law Enforcement and Fire/EMS. While being very aware of cost and availability of support to the system.

Of particular note is the ability to access analytics and the availability of real-time data to personnel that are actively responding to emergencies.

If I can be of any further assistance in this matter, please let me know.

Patrick J. Taylor

Patrick I. Taylor, CFO
Deputy Fire Chief
Hernando County Fire Rescue