

**Core Competency 22:  
Understand and manage emerging technology**

*Description:*

Remain aware of emerging technological innovations and their potential organizational applications.

*Rationale:*

As part of their responsibility to visualize future organizational needs, leaders need to keep abreast of the rapidly changing array of jail-related technology and how it can be used to improve operations. Being an informed consumer of expensive technology is important to assure that funds are spent efficiently and cost-effectively. This includes identifying subject matter experts to evaluate, test, and assess new technology, as well as building a level of personal understanding of relevant hardware, software, and security devices in order to make knowledgeable procurement decisions.

| <b>Requires knowledge of:</b>   | <b>Requires skills in:</b>  | <b>Requires ability to:</b>   |
|---|---|---|
| Basic computer skills used in the industry  | Developing basic computer expertise in hardware, software, and networks   | Analyze<br>Adapt  |
| Laws pertaining to data sharing data systems currently in use by internal and external partners   | Interpreting legal restrictions<br>Collaborating with partners to implement shared integrated data systems  | Establish partnerships<br>Overcome impediments to data-sharing  |
| Jail-related technology (e.g., phone recording, video visitation, equipment for attorneys, door control systems, cameras, CED technology, telemedicine, inter-connectivity with other agencies, etc.) | Researching the capabilities of technology<br>Understanding strengths and weaknesses of products before purchase<br>Developing strong, positive relationships with IT staff | Analyze<br>Evaluate<br>Pursue unfamiliar territory<br>Visualize what you want to achieve<br>Make systematic comparisons<br>Distill complex information<br>Trust others with greater subject matter expertise<br>Maintain the capacity for continued personal growth |