

## IFMA Security Technology Round Table Discussion March 24 Notes

1. What is IL2050?  
UL2050 is a requirement for burglar alarm systems in a closed area also known as a SCIF – **Secure Containerized Information Facility** (sound proof room)
2. When did UL2050 take effect?  
UL 2050 took effect in 1992 for all closed areas and is required by the NISS or National Industrial Security Systems.
3. Do I need to upgrade my equipment?  
You only need to upgrade your equipment if you are required to certify the area for UL2050. Most facilities will never have to be certified UL2050. If you are required to do so and your security equipment is not UL Listed, then you will have to upgrade it. Each device must be UL Listed.
4. Who do I contact regarding UL2050 requirements and inspections?  
**Larry Gross, State UL (Underwriters Laboratories) Inspector**  
Cell: 408-422-3970  
Email: [larry.w.gross@us.ul.com](mailto:larry.w.gross@us.ul.com)  
Please note that the process of UL Certification does not end with the initial inspection and approval. Periodically random subsequent inspections will be implemented to ensure that UL compliance is still in effect in the SCIF where UL Certification has been granted.
5. What is the latest night vision camera system?  
Night vision cameras are not necessarily required in normal commercial, industrial, or even government applications. NVTI are high intensity infrared cameras and may require a special license by the user. Most low light cameras are more than sufficient for night use as long as there is some lighting available.
6. Which companies are using biotechnology such as iris scan and thumb prints?  
There are several companies utilizing biotechnology such as iris scan and fingerprint or hand scanning for access control and they are using it successfully. The speed of the scan can be challenging if multiple persons have to pass through at one time.
7. Who is providing IP addressable security cameras and what is the cost?  
IP cameras can be installed wherever there is an Ethernet network drop. Sony is the largest provider of IP addressable security cameras. PELCO also provides them and just installed 300 IP cameras in a nearby casino in Southern California. The cost is close to \$1,000.00 per camera. Analog cameras can be converted to Ip with the use of an analog-to-digital translator module attached to each analog camera.

8. What is the latest in motion sensing camera systems?  
Motions sensing cameras are quite common and inexpensive today. They come in two varieties – fixed and pan-tilt-zoom.  
**Fixed Camera** – Constantly views a specific area but when motion occurs the camera triggers the recorder to start recording the images that are seen by the camera.  
**Pan-tilt-zoom Camera** – Constantly panning when on automatic mode. When motion occurs the camera leaves its automatic pattern to focus on and follow the object causing the motion. However the challenge of this type of camera is that if the movable object goes behind something larger that it or if something goes by that is larger than the object being followed by the camera, the camera then focuses on larger image instead of the original object it was following.
  
9. What is the latest in Digital Video Recorders?  
Lenel has a product called LNVR which is a software-based video recorder. This new technology eliminates the purchase of the DVR (digital video recorder) which is housed in a box. The LNVR software can be loaded onto any operating system that is desired by the end-user as long as it meets the minimum requirements. If your company prefers DELL or Compaq or HP, it makes no difference. Use the operating system you prefer and eliminate the DVR “black box” which has such a short life cycle, of two to three years. To update your system you only have to update the newest release of the software. Configure, manage, monitor, frames per second, lighting, contrast etc. on all devices from a single client workstation.

In summary, the new security requirements being implemented today have pushed the envelope of technology requiring continual research and development of more sophisticated and user-friendly security solutions for the commercial, industrial, and government sectors both on a local and global level. As these new solutions are released and utilized they are also becoming more affordable.

\* I will be happy to assist you with further questions. Feel free to call me.  
Janie Watanabe  
TRL Systems, Inc.  
909-261-2470.