



Inventive and Determined Law Enforcement Professional Invents BACS System, Sparks the Idea that is LEID Products

At one point, when Rick Crigger was working for the Police Department in Waterford, Michigan, the ineffective, old method for tracking valuable assets and weapons in the station got to be too much. Rick describes it as “a nightmare of a process.” One day, officers noticed that a shot gun was missing. After a few days, the department was required to alert the FBI to the missing weapon and the FBI came in to try and help locate the shot gun. Two weeks went by before an officer returned from vacation to alert his colleagues that he could not find a supervisor to check the gun back in before leaving for vacation, so he locked it in his personal locker. Although the location of the weapon was safe – the stress this caused and waste of time not only on the department’s behalf, but also on the FBI’s – Rick knew there had to be a better way.

When Rick served as an Administrative Lieutenant, he was in charge of special projects, including construction, facilities management, authoring policies procedures and guidelines. Therefore, he was responsible for the Records Bureau that maintained all records including the sign in and out sheets. The majority of his file cabinets were full of tracking sheets. Early in his career, Rick experience the frustration of waiting for someone to sign out equipment he needed. As his responsibilities grew, he also experienced the stress of missing assets and the time consuming search to track them down by sifting through piles of paperwork.

As his frustration mounted, he started brainstorming an alternative procedure and came up with the idea of gun racks and storage lockers for asset protection and control. In 1999, Rick started to put his ideas and designs down on paper. Rick grew up in a home where, if you needed something, you built it yourself. In 2000, he began working on a prototype, using wood. He grew up woodworking; it was and still is one of his favorite hobbies, along with traveling in an RV with his wife LaVon.



For approximately five years, he spent many hours in his basement working on the design, revising again and again. He conducted extensive research in the field, interviewing officers and department employees to identify what issues they had with storing and checking in/out equipment and what functions and characteristics their ideal system would have.



In 2005 Sam Hoff, president of Patti Engineering, and Rick met at a Rotary Club meeting while Rick was working on his prototypes; they discussed the system and Sam knew he and his team would be able to develop the controls and software necessary to bring Rick’s invention to life. Thus, LEID Products was born. Together, Rick and Sam produced the Biometric Access Control System (BACS) which is a proven asset management system used in law enforcement departments throughout the country to securely store and track weapons and valuable equipment allowing for full accountability of armory assets.

Since Rick introduced the world to the BACS System, LEID Products has made significant enhancements to the system. In March of 2012, the company announced The North Andover Police Department in Massachusetts will be implementing their new BACS Evidence Management system, which was developed off of the design and functionality of the original system to help with access and tracking of evidence moving into and out of the property room.





The BACS Evidence Management ID Station Kiosk houses a biometric ID reader for access verification and a barcode reader to identify the case number and property number of evidence to be stored. With touch screen user navigation, the ID Station is interfaced to LEID's Electronic Evidence Lockers providing the secure temporary storage of evidence incoming and outgoing from police department property rooms. The system includes complete chain of custody custom software with tracking and reporting capabilities to monitor all evidence transfers. Property room managers also have remote management capabilities to access, monitor and manage the system while off site.

In March 2012, version 2.0 of the BACS ID Station Kiosk was introduced, including enhancements to its sleek tamper proof construction and larger kiosk screen for additional security and functionality. In July 2012, LEID announced the availability of a white paper detailing financial benefits of the system.

The white paper, written by former Waterford, Michigan Deputy Chief of Police, Dale LaCroix, details the cost in time loss using the old process as supervisors manually issue equipment to officers at the start of a shift and check equipment back in when the officer's shift ended. Cost savings were also realized by the ability to have multiple officers share equipment. Dale notes in the paper that the savings seen related to limiting liability exposure, while they may be immeasurable, could be the greatest savings of all.

To learn more about the BACS Systems visit our website at www.LEIDProducts.com or call 1.888.884.LEID(5343).

