

GST's IntelliGate Creates New Approach to Security

By CATHY BONNSTETTER

For The State Journal

FAIRMONT — **Global Science and Technology Inc.** is preparing to install IntelliGate, its latest and most sophisticated biometric control system, as a prototype for **Lockheed Martin's** Beacon Center.

IntelliGate is a flexible access system that can change the dynamics of the security system as needs arise, GST said. With the exception of greeting employees with a smile and a handshake, IntelliGate can do everything an old-fashioned security guard can do.

Brian Bell, GST vice president, devised the concept for IntelliGate.

"My dad was a **Pinkerton** security guard," he said. "He had a station at the door, and he let people in and certain people not in. Then he would lock the door and walk around and make sure everyone was supposed to be there.

"His rules were his security policy. He locked the doors at certain times. IntelliGate does the same thing. It is the computer approach to what people did a long time ago."

IntelliGate takes biometric computer intelligence and stretches it in several different directions. First, it uses all the internal controls peculiar to its customer. Then it uses outside controls. It can even direct employees away from a smoke-filled hallway during a fire, according to GST software technician **Pete Turner**. It also can raise security standards by monitoring the **U.S. Department Homeland Security** Web site.

"IntelliGate really learns well," Bell said. "It detects patterns, and it will get smarter. It learns as it patrols, just like my dad did."

Unlike Bell's dad, IntelliGate can patrol several installations in different cities simultaneously. It also can use different biometric identifications from different vendors. That is why the Beacon Center was the perfect place to see it in action for the first time.

"The Beacon is a great collaborative concept, so we can see the different handshakes that have to occur between



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From left, Gov. Joe Manchin III, GST software developer Pete Turner and identity management solutions group director Guy Baroni discuss GST's latest biometric security measure, IntelliGate.

IntelliGate and these other biometric devices," Bell said.

IntelliGate itself is a rule-based, customized control system that does not use a lot of specific hardware.

"The access point would be hardware, but IntelliGate is actually a database with somewhat intelligent software around it," Turner said. "The software checks the database to see what has happened in the past and how it should react."

IntelliGate is an extension of GST's early biometric endeavors.

"IntelliGate is more of an evolution than a revolution in terms of a product concept," Bell said. "GST is not a large company and does not have deep pockets. We thought IntelliGate was where we could play in the market because the value is not in the gizmos and hardware. The rules are the value; they enforce the security."

Bell is especially pleased to partner with his old employer, Lockheed Martin, to test IntelliGate.

"Lockheed Martin is a very good business partner," he said. "They part-

ner very carefully, and they are interested in creating great solutions. We both strive to understand the customer's needs and apply technology to find the best solution."

IntelliGate is ready to be sold, but GST wants to use the prototype first.

"We like to have a great proof of concept," Bell said. "That's where the Beacon Center project comes in. But we are now looking at different customers who will eventually become our target customers."

As sophisticated as IntelliGate is now, Turner said the concept will continue to grow.

"There is no one size fits all to this," he said. "We will figure out best cases from each installation, and IntelliGate will continue to evolve."

**THE
STATE
JOURNAL**

October 5, 2007