R&R Services and Repairs, Inc.

Your source for **NEW** 7526 Terminals

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News Brief

www.IBM7526.com

OK, OK... It has been a while since we've sent out a News Brief.

But we don't want to clog up your "In" box with "Junk Mail".

When we've got significant news we'll be in touch, like today.

Ron, Mike and I have just returned from the American Security Expo in Miami where we demonstrated our 7526 model 110 with the BioScrypt fingerprint scanner and SmartCard proximity badge reader.

We had prospects from as far away as Holland, Colombia, and Venezuela as well as some as close to home as right here in Boca Raton. Of course, the vast majority were from Miami and the surrounding area, so it will be easier for us to follow up with them.

Although BioScrypt units were shown at several of the other vendor's booths, we were the only group showing both hardware and software integration with the IBM Data Collection Terminals. *(I've attached a photo in JPG format in case you want to see it).*

In our "Demo" we showed a typical installation including a laptop with a BioScrypt unit attached for creating employee badges. This would typically be in the Human Resources (HR) Department. Then we had a 7526 with the

BioScrypt unit attached as it would be used at an entranceway or secure area. After creating a badge with the fingerprint, the employee's name and employee number at the HR setup, the badge is presented to the proximity reader. When the reader senses the badge, it retrieves the info stored in the badge and turns on the amber light. The employee then places a finger on the scanner and, if the scanned finger matches the badge, a green light lights to indicate it has been matched correctly and sends the info to the 7526 which sends the transaction via ethernet to the host PC. We wait 5 seconds (to give the person time to get to the door) then light a light from the Digital Output port, which in a real installation could energize a relay for a door opener. Of course, with up to 8 DO ports on the 7526, there are many other options that could be programmed into a live system, such as an alarm if there are 3 invalid attempts to "badge in".

With our approach of combining the SmartCard with the fingerprint, we don't have to store the employees' fingerprint data in the 7526 which would limit the number of employees per terminal to the amount of available memory. Our approach can handle an <u>unlimited number of employees</u> because their fingerprint information is stored on the chip in the badge. We also don't have to have the ethernet link back to the PC in order to verify the fingerprint of the individual, so if the link is lost, the transactions continue to build in the 7526 and upload them to the host PC when the link is re-established. Verification is also not delayed by a sudden burst of traffic on the ethernet network. With our internal Operational Battery Backup installed we can continue to support transactions through power failures of up to 3 hours. (The door opener device would require its own UPS if you wanted access to continue through power outages).

With this new addition, we can provide you with whatever level of security you need for your applications. From a simple PIN, a barcoded badge, a smartcard with a proximity badge reader and now fingerprint verification. If you need "Fort Knox" security it will be much more expensive and will probably require much more than a 7526, but if you want a good reliable, low cost, personnel verification system, we think we've got you covered. In order to keep the size of this e-mail reasonable, I have attached a photo of our 7526-110 with the BioScrypt attachment as a PDF file.

Well, this is about the longest News Brief (not so brief this time) so far. I'll try not to be so long winded next time, but we really wanted to give you a good update on our activities here in Boca Raton. We've been *BUSY!*

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Thanks for your business.

Ron, Jack, Tottie , Mike, Ken &

Jeanne