



Case Study: Lifewares

The CONFIDENT Childcare Management System from Lifewares is used in daycare centers, churches and schools to control the dropping off and picking up of children by parents or guardians. VeriFinger provides the fast and accurate fingerprint recognition capabilities that make CONFIDENT a solution that childcare facilities and parents trust to ensure the safety of their children.

Company profile

- ◆ Based in New Jersey, Lifewares is a provider of childcare management solutions with offices in the US, Australia and the UK.
- ◆ In October 2002, Lifewares began development of the CONFIDENT Childcare Management System, and in 2003 began working with Neurotechnologija's VeriFinger SDK fingerprint identification software development kit to add biometric fingerprint recognition to the product.
- ◆ The company officially opened its doors by launching the first version of CONFIDENT in December 2004 and has since become a trusted provider of childcare management systems.

Reliability is paramount when the safety of children is at stake. Lifewares chose VeriFinger to provide fast and accurate biometric identification capabilities in their CONFIDENT Childcare Management System.

Each day millions of children around the world are dropped-off at daycare centers, schools and churches. Properly identifying each child and the parents or guardians who are approved to pick them up is of critical importance, particularly in this era of increased security concerns and parental custody disputes.

Most childcare facilities have some sort of process for managing the identity of children and their proper guardians. These solutions range from a clipboard and paper to wrist bands, ID cards or claim checks. These processes are largely manual, which can create bottlenecks at the end of the work day or when a church service ends and a large group of parents try to pick-up their children at the same time. Some of these processes also have high consumable costs and they put the burden of identification at the discretion of child care workers who may be overwhelmed during busy periods. This is of particular concern for large churches, where often the combination of open-door policies and young, volunteer childcare staff make them even more vulnerable to predators or parental custody situations.

With the fingerprint recognition capabilities in CONFIDENT, every parent or guardian checking a child in or out of a facility accesses their account using their fingerprint. Using the VeriFinger fingerprint recognition engine, CONFIDENT quickly identifies the child's and guardian's fingerprints and calls up the appropriate file for verification with photographs on the computer screen. Offering this capability to

customers has provided Lifewares with a strong competitive differentiator over other childcare management systems because it:

1. Eliminates check in and check out lines without compromising security
2. Offers a huge competitive advantage and differentiator to schools, daycare centers, and churches because using this technology allows them to emphasize their focus on security
3. Allows effortless attendance tracking and communication with childcare facility clients
4. Automates many of the logistical functions and historical record keeping required by facilities offering childcare services.

Integration of fingerprint recognition is a snap using the VeriFinger SDK

Using biometric fingerprint recognition not only adds a strong level of security, it is extremely fast, inexpensive (no consumables), and convenient. After carefully considering other biometric fingerprint recognition algorithms on the market, Lifewares chose VeriFinger because it offered the following benefits:

1. **Fast and reliable algorithm** that ensures a high degree of security when needed
2. **Support for multiple scanners**, enabling Lifewares to choose the best scanner for their clients
3. **Easy to integrate** with existing systems because VeriFinger offers multi-platform support and puts data input and output control in the hands of the developer
4. **Exceptional and in-depth documentation** filled with great demos and examples
5. **Support for current development skills**, including their current (Visual Basic 6.0) and future (Visual Studio .NET) development plans.
6. **Lower cost per unit** which helps Lifewares offer a their solution at a competitive price

“The VeriFinger SDK allowed us to quickly and easily integrate fingerprinting technology into our solutions, which gave us just the differentiator we needed to edge out our competitors,” said Rick Ritts, president of Lifewares. “If you like to jump right in, the VeriFinger libraries are intuitively organized and easy to understand. If you are a manual reader, you won’t be disappointed by the exceptional documentation, demos, and examples.”

About VeriFinger

The VeriFinger fingerprint identification algorithm from Neurotechnologija is designed for use by biometric system integrators and provides the capabilities of the most powerful fingerprint recognition algorithms at a highly competitive price.

VeriFinger’s fingerprint matching has been proven to be one of the fastest and most reliable among competing identification algorithms in some of the industry’s most rigorous competitions.* By combining a commonly accepted fingerprint identification scheme with Neurotechnologija’s proprietary algorithmic solutions that enhance system performance and reliability, the VeriFinger algorithm provides fast, reliable matching of specific fingerprint minutiae points for both one-to-one and one-to-many matching.

VeriFinger SDK enables the rapid development and integration of biometric applications by giving integrators complete control over the SDK data input and output. As one of the most widely compatible fingerprint identification and matching SDKs in the industry, VeriFinger SDK can be used with any scanner, any database and any user interface and on Microsoft Windows, Mac OSX and Linux operating systems.

** Neurotechnologija ranked among the top five companies for accuracy in single-finger tests in the National Institute of Standards & Technology (NIST)’s Fingerprint Vendor Technology Evaluation for the US Department of Justice; and the company’s algorithms have consistently won gold, silver and*

bronze medals in International Fingerprint Verification Competitions (FVC2004, FVC2002 and FVC2000).

For more information:

For more information about VeriFinger pricing, product capabilities and specifications as well as other products from Neurotechnologija, go to: www.neurotechnologija.com.

For more information about Lifewares, go to: www.lifewares.com

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