

Smart Sensors Ltd offers **software, know-how** and **licensing** so integrators can deploy the precision of **iris recognition** biometrics in **cost-effective** solutions that authenticate each person's **unique ID**. Our tools for **iris feature extraction**, biometric **key creation** and **fast-matching** operate on many product and processor platforms.

Let us help you build the next generation of **high performance** AND **economic** iris biometric solutions

## What's new at Smart Sensors Ltd?



Smart Sensors successfully completed its project with BAE Systems plc with good results from iris capture at distances up to 3m and the development of a demonstrator for our fast/fuzzy match high speed iris template matching system.

On 26 May 2011 we exhibited at BAE Systems' Innovations Live event: <http://www.baesystemsinnovations.com/>

This was a chance for Smart Sensors to show off our latest technology including a demonstration of iris recognition used within an Integrated Surveillance scenario to track a suspect's movements back to locations at which a positive ID had been obtained.

### FastMatch™ offers more than 1 Billion ID matches/sec

Smart Sensors' FastMatch™ template matching technology, based on a new patent granted in October 2010, has been shown performing over 1 Billion template comparisons per second. On a single server PC with dual Quad-core XEON E5620 CPUs at 2.4GHz and with 128 GB RAM, a database of 268M template identities can be queried 12 times per second. This offers customers huge reductions in processing hardware, and of course the power required to operate such matching engines.

### Martin George, CEO of Smart Sensors, to talk at Biometrics 2011, London (Thurs 20th October)

The challenges of keeping gambling addicts away from their addiction is a well documented problem to which several biometric solutions have been proposed and trialled. In the USA, Canada and Australia in particular, gambling operators can be held liable if "self-excluders" run up losses in their establishments. Smart Sensors will be discussing an innovation that could help recognise "self-excluders" accurately while automatically offering loyalty benefits to premium VIP players—all carried out in an anonymous fashion. Moreover, the solution could be extended to on-line gaming.



### EYE LINES

- Run Iris Recognition applications on **ANDROID!** Get our dedicated library
- **EY2-H from Vista Imaging:** low cost dual-eye USB camera with visor shield. Includes audio codec. Handheld or tripod mount.
- **1,000 Iris Database** sample set now available via PayPal. See <http://www.smartsensors.co.uk/information/bath-iris-image-database/>
- Improved MIRLIN 2.21 SDK in 32-bit, 64-bit, Windows CE and LINUX versions

Contact [info@smartsensors.co.uk](mailto:info@smartsensors.co.uk) for prices and further details



Introducing the new **EY2H dual-eye camera** with visor. For benefits and further information, please [drop us a line](#)

#### Forthcoming events:

**Biometrics Consortium Conference:**  
Tampa, FL, 27-29 Sept 2011  
See us on Stand 428

**Biometrics 2011: QEII Conference**  
Centre, London 18-20 Oct 2011  
See us on Stand 313