



SECURING BUSINESS AROUND THE WORLD

# Machine-readable hologram

Combining overt & covert security features

Straightforward yes / no authentication

Protect against counterfeiting and fraud

OptiGard™

Protect your brand, products and important documents against counterfeiting with OptiGard™ machine-readable holograms. OptiGard™ holograms offer multi level security for documents and products.

The application of OptiGard™ to documents and products provides each item with a permanent identity, which can be authenticated as genuine or fake by a compact electronic handheld reader.

OptiGard™ offers all the advantages of a hologram enhanced by a covert, machine-readable security feature embedded at the point of manufacture for a simple yes / no authentication.

OptiGard™ protects documents and products against counterfeiting and fraud, the perfect solution for brand owners who want maximum security at minimal cost.

# Machine-readable hologram

Holograms are primarily used as first level identification devices and are designed to enable successful authentication at the point of inspection. However, simple holograms can be easily copied and produced by many manufacturers around the world. By using a covert machine-readable security feature a holographic device can be produced that is hard to copy. TSSI's OptiGard™ machine-readable holograms are designed for individuals who want to protect their documents, products and packaging against counterfeit and fraud.

## Applications of OptiGard™

- Certificates - tax stamps, gift vouchers & medical records
- Packaging - tobacco, pharmaceuticals & food packaging
- Banking - credit cards, banknotes & vouchers
- Electronic items - laptops, software, DVDs & CDs

## Features of OptiGard™

- Secure machine-readable holographic foil
- Applied using standard hot-foiling equipment
- Machine-readable for counterfeit detection
- Can be supplied with a bespoke designed holographic image
- Simple straightforward yes / no authentication i.e. genuine or fake



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