

## Case Study :

## SPI Lasers – UK

### Customer Profile

SPI Lasers is a leading designer and manufacturer of optical fiber-based lasers for use in materials processing applications in a wide range of industries. The company is focused on development of highly-effective laser solutions for cutting, welding, micro-machining and marking applications.

[www.spilasers.com](http://www.spilasers.com)

### Summary

SPI Lasers manufacture powerful precision lasers used for cutting, welding, marking and micro-machining. Due to the nature of this work SPI Lasers required full coverage of their buildings for Health & Safety reasons, as well as security.

SPI Lasers chose iCatcher Partner Reticom because of their successful track record in implementing CCTV in high security environments.



### The Requirements

SPI required full coverage of their three buildings, both internally and externally. Internally, this included all entrances and exits, reception rooms, manufacturing areas, the warehouse and loading bays. Required external coverage included the car park, road and gas plant, along with the emergency exit paths running along the side and rear of the buildings.

A manned security desk in the main reception required access to the live images and recordings. SPI Lasers also requested that the remote security desk did not have the ability to change any of the settings or disable the system.

### The Choice

Numerous main stream security systems were evaluated. iCatcher Console 4's flexible display options and smart client made it the ideal choice for SPI Lasers.

### The solution

Reticom utilised a wide range of camera models, from different manufactures, to suit the individual area requirements. These ranged from Genie analogue day/night bullet cameras to Axis IP cameras, totalling 30 units.

Externally, Genie day/night bullet cameras cover the buildings, paths and gas plant. The road is covered by an LG body camera, combined with a powerful Raytec Raymax 100 IR illuminator, providing clear images both day and night. All analogue cameras are converted to IP using Axis 241Q video servers.

The manufacturing areas have coverage from further Genie bullet cameras and Axis 212 PTZ cameras.

iCatcher Console is running on a Dell Quad Core PowerEdge server, which is installed in the server room. The manned security desk in reception is running the iCatcher Smart Client, providing real time access to all feeds and playback displayed on a 4 screen video wall.

### The Result

iCatcher Console has proved itself to be an invaluable tool. Evidence has been passed to the local authorities on several occasions. Even a nearby business has requested evidence when they become the victim of a break in.

The increase in management information has enabled potential accidents to be avoided, creating a safe working environment for staff both in manufacturing and QA locations.

### The Future

Future plans include combining control of the access control system into the iCatcher IO system, enabling the guards to open gates and doors from within the CCTV plan views.

To learn more about iCatcher, and solutions that can be built using iCatcher technology, visit our web site at the address below or give us a call on +44(0)1329 835335.

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