



# CASE STUDY

## New product design, assessment and review (Windows)

### The task

Window and door technology is rapidly changing with new consumer demands and new regulations in many areas. Designers are often expert in their particular area but need an overview of the market and the other technologies that can impact on the success (or failure) of a product.

Tangram has been commissioned by customers to carry out new product design, assessment and review to ensure that designs meet the market needs. As product designers for over 20 years, Tangram has unique experience in developing designs for the window and door markets.

### What we did

Tangram has been commissioned by systems suppliers and component manufacturers to carry out new product design, assessment and review.

Tangram has unique experience in all areas of the window business and can apply this to all types of design concepts.

Tangram has worked with systems suppliers on new product designs for window and door systems.

Tangram has worked with hardware suppliers on new product designs for handles, locking devices and reinforcement.

Tangram has worked with conservatory roof companies on new designs for components and roof systems.

The service can be a simple final low cost design review to validate the design or full product design from the basic Product Design Specification through to final product design.

Tangram has also assisted clients to specify production methods and to locate suitable processors for final series production of the product if required.

### The benefits

- Low-cost design and materials selection validation service.
- Practical approach to design and manufacturing assessment.
- Clients receive an independent and confidential assessment of the viability of the product design.
- One-stop shop for product design services.
- Consistent interface with designers and customers.

### More details?

**Contact:**

Dr Robin Kent  
Tangram Technology Ltd.

PO Box 24

HITCHIN

HERTS, SG5 2FP

Tel: 08700 278 379

e-mail: [rkent@tangram.co.uk](mailto:rkent@tangram.co.uk)

website: [www.tangram.co.uk](http://www.tangram.co.uk)

