



## CS1000 Celtic Springs

### Project overview

This modern office development was constructed to be the centrepiece of the Celtic Springs Business Park, Newport, South Wales. The building covers 125,000 sq ft and four storeys, providing leading-edge administrative and financial services accommodation. Once the building was let to Her Majesty's Prison Service, further services were introduced to update and enhance the functionality of the site - high-security technologies in addition to more traditional building services, including a wide range of electrical and mechanical building services courtesy of Whitehead's design and installation.

### Challenges

The building was to house the Data Team; a vital role in terms of the ongoing successful operation of the UK's prison network. The Team had an inflexible starting date set for its operation on site, and once operational could not be interrupted. The project involved refurbishment and the introduction of new services without interfering with the existing building design.

### Solutions

Careful scheduling meant Whitehead was able to introduce the requisite complex first phase building services within just 12 weeks, prior to the Data Team's starting date. Subsequent works were scheduled around the Data Team, to ensure continuous operation of this vital service for HMPS. Whitehead installed services including: power; lighting; alarms; fire detection; infra red/laser security systems; card access control; car park access control; data network; UPS; and a backup power generator.

#### Project title

» CS1000 Celtic Springs

#### Project Manager

» Ray Bird

#### Sector

» Public

#### Location

» Newport, South Wales

#### Client name

» HM Prison Service/Opco

#### Start date

» September 2005

#### Completion date

» January 2006

#### Value

» £1.2m

"This prestigious project represents the cutting edge in terms of administrative facilities, giving us the opportunity to show what we can do in terms of high spec secure building services."

Ray Bird,  
Project Manager