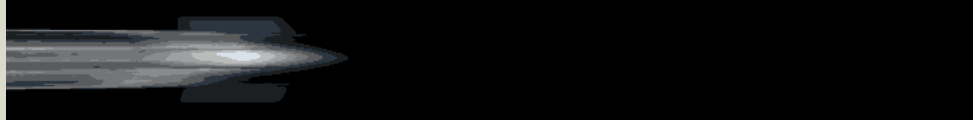


<http://www.channelweb.co.uk/business-green/news/2208345/galileo-aims-datacentres-cold>



www.channelweb.co.uk  
Essential news and information for VARs,  
integrators and converged resellers

Thu 31 Jan 2008

RSS PDA

> Register > Update details



News

Search

Home

CRN > News > Datacentre

News

Security

Storage

Audiovisual

Voice and data

Vendor News

Integrator

Analysis

Video

How To Sell/Focus

A-List

Events

Awards

Channel Expo 2008

Channel Informer  
Blog

Downloads

Subscribe

## Galileo aims for datacentres in a cold climate

Datacentre design specialist predicts climate will become a key factor in locating new server farms as energy demand from cooling systems continues to climb

James Murray, BusinessGreen, 29 Jan 2008

Print : Discuss : Send to friend : Search Jobs



The case for locating datacentres in colder climates will strengthen significantly over the next decade as firms face increased pressure to cut the energy and carbon footprint of their IT infrastructure.

ADVERTISEMENT

That is the view of Julian King, chief executive at datacentre design and development firm **Galileo Connect**, who today outlined plans to pursue a new approach to datacentre location and design that could cut carbon emissions and energy costs by up to 60 per cent compared with conventional service farms.

"There is initial reluctance to look at locating datacentres in cold climates as it is not the industry norm," admitted King. "But logically when a huge drain on energy is cooling a datacentre, why would you not want to be in a colder climate?"

Opposition to remote datacentres will dissipate over the next five to 10 years, King predicted, as energy costs rise and legislation governing carbon emissions forces firms to investigate ways of reducing the energy intensity of their IT infrastructure.

### THIS WEEK'S ISSUE



To see a snapshot of this weeks' news section and register to receive the CRN ebook, please click [here](#).

However, he warned that for such savings to be realised, governments would have to invest in the necessary supporting infrastructure, such as power supplies and increased bandwidth. "The success of these types of datacentres rests on someone being willing to invest up front in the supporting infrastructure and that type of investment should happen at the governmental level," he argued. "It is like an emerging tourist resort; the airport needs to go in first to make it a success and that is up to the government, not the travel operator."

Galileo Connect recently began work on a major green datacentre project in Australia based around these principles that the company intends to use as a model for its future datacentre designs.

King said the Canberra location was chosen mainly due to the region's cooler climate compared to the rest of Australia, adding that the 240,000 square foot facility would also be located next to a new 120MW gas fired power station in an effort to further enhance energy efficiency and cut carbon emissions. "The project is the planning phase and we intend to use all the latest systems to cut energy use, including deploying short runs of pipe and cables to minimise energy loss and reusing waste heat from the power plant," he explained.

### TOOLS & SERVICES

#### ChannelMoney

A one stop shop for all the channel's money needs with free access to experts and advice on issues such as insolvencies and corporate finance.

#### mi IT suppliers

Find Channel partners with mi IT suppliers - a searchable database of 13,000 IT companies and service providers.

#### Leasing

Obtain an immediate lease quote, get financing options and retain ownership of your deals.

#### Research pages

The latest white papers, research reports, market intelligence and case studies from the industry's most respected analysts

In related news, UK-based eLINIA today became the latest web hosting provider to offer customers a carbon neutral service after announcing it has signed a deal to rent space in a biomass-powered datacentre in Slough.

James Carnie, technical architect at eLINIA, said that in addition to the new carbon-free service the company was also offering customers the opportunity to offset emissions associated with hosting provided at its existing Cardiff datacentre.

#### All Datacentre

Tags: **Green**

Like this story? Spread the news by clicking below:

del.icio.us Digg this reddit!

Permalink for this story

### READER COMMENTS

Post your comment What is this?

ADVERTISEMENT



Feel the  
need  
for speed?

### TechFinder results

**How is your organisation reacting to one of the world's greatest challenges?**

The debate about climate change is over – it's now time for action. But how is your organisation reacting to one of the 'world's greatest challenges'? Is it a gorilla,....  
More...

<http://www.channelweb.co.uk/business-green/news/2208345/galileo-aims-datacentres-cold>

and companies.

> Read all the latest reader comments

**Tenders**

Win more business by obtaining detailed contract information in the public and private sectors.

**Security software downloads**

Keep your hardware secure by downloading the hottest security software direct to your computer.

**CRN Labs**

Find the very latest independent product reviews, star ratings and editors choice on the hottest technology.

**Virtual Warehouse**

Source and find product information and availability from the major UK distributors in one place.

**Research Library**

**Downloads**

ADVERTISEMENT

MARKETPLACE

**Ads by Google**

**Zymol Online Shop**

Zymol Reseller & Licenced Detailer Next Working Day Delivery In UK  
[www.ParcFerre.co.uk/Zymol](http://www.ParcFerre.co.uk/Zymol)

**CATIA Solutions UK**

Software, Training, Support all Dassault Certified Tel:01332 813340  
[www.AppliedGroup.com](http://www.AppliedGroup.com)

**SNOM Business IP Phones**

In Stock. Shipping from £7 Next Day Reseller Discounts available  
[www.snomphones.co.uk](http://www.snomphones.co.uk)

**ColdFusion Hosting UK**

Shared, VPS & dedicated hosting. Adobe Hosting Partner.  
[firstserv.com](http://firstserv.com)

**Free SAN White Paper**

Five types of storage consolidation. New Gartner report.  
[www.ONStor.com/3PAR](http://www.ONStor.com/3PAR)

**MEDIA**

To find out more on advertising, bespoke opportunities or sponsorship packages for CRN, visit our [media site](#).

**TechFinder**

Search for Software, Hardware & Solutions

- >> Network Management
- >> VPN, Extranet and Intranet Solutions
- >> WAN/ LAN Solutions
- >> Network Security
- >> Interoperability-Connectivity
- >> Grid/ Utility Computing
- >> Network Modeling and Analysis
- >> Availability, Performance and Problem Management
- >> Enterprise Systems Management
- >> Data and Application Distribution
- >> Data Center Management
- >> Remote Access Technologies
- >> Wireless Technologies and Mobile Computing

**Sponsored links**

- >>
- >>
- >>

**OTHER PLATFORMS**

You can access additional CRN content by:

- [Ebook](#)
- [PDA/Pocket PC](#)
- [Email](#)
- [Blog](#)

ADVERTISEMENT

**Aim high**

Build your business with the Microsoft Partner Programme



FEATURED JOBS

**IT Analyst/Developer**

**Based in London, England, United Kingdom | Cancer Research UK**

IT Analyst/Developer, NCRI Informatics Coordination Unit, £35K to £45K, depending on experience, Based in London, UK The NCRI (National Cancer Research Institute) has an initiative whose mission is to maximise the impact of cancer research ... more >

**Senior IT Support Analyst**

**Birmingham/West Midlands, England, United Kingdom | WHS Halo**

Senior IT Support Analyst, Birmingham/West Midlands With around 360 employees and a turnover of £75 million, Bowater Building Products Limited is among the largest PVC-U window extruders in the UK, designing and supplying window profile ... more >

**ICT Developer**

**England, United Kingdom | Guildford Borough Council**

ICT Developer, £21,691 - £28,967 ICT Services provides desktop, infrastructure, telecoms, business systems and support to all Council sites. The service is a busy, customer driven environment, operating a wide variety of systems across a ... more >

**Senior Technical Support Officer**

**Harrogate, Leeds, United Kingdom | Harrogate Borough Council**

Senior Technical Support Officer, £21,412 - £27,594 Move IT Forward! This is an exciting time for IT within Harrogate Borough council with many new systems and technologies being implemented to support new ways of working ... more >

More job opportunities

ADVERTISEMENT

The UK's biggest channel event for products, partnerships and profit

[www.channelexpo.co.uk](http://www.channelexpo.co.uk)  
21ST - 22ND MAY 2008  
HALL 19, NEC, BIRMINGHAM



Web Site : Channelweb.co.uk  
Date : 31/01/2008  
Security copy : 1238073730.pdf  
Copyright : Channelweb.co.uk

<http://www.channelweb.co.uk/business-green/news/2208345/galileo-aims-datacentres-cold>

**Business Technology websites:**  
**BusinessGreen** Business green news, resources, blog, podcasts  
**Computing** Business technology news, ecommerce, government, security, business podcasting  
**Computing Business** Agenda Setters, Leadership, Boardroom, Best Practice, webinars  
**CRN** Channel news, distributor directory, business hardware reviews

**The Inquirer** Technology, chips, memory, graphics, servers, hardware reviews  
**IT Week** News for IT managers, podcast, blogs, expert comment, hardware reviews, white papers  
**vnunet.com** Technology news, Silicon Valley Sleuth, blogs, forums, podcast, downloads

**Jobs & Recruitment websites:**  
**Accountancy Age Jobs** Accountant jobs, jobs in finance, audit jobs, cima jobs, acca jobs, corporate finance jobs, management accounting jobs, finance director jobs, finance recruitment agency directory, Top 50 accountancy firms, accountant salary survey  
**Computing Careers** IT jobs, Programmer jobs, Developer jobs, IT manager jobs, Project manager jobs, SAP jobs, Oracle Jobs, Java Jobs, IT recruitment agency directory, Top IT Employers in the UK 2007  
**Inquirer Jobs** Software Engineer Jobs, firmware developer jobs, electronics engineer jobs

**Other titles in the Incisive Media network:**  
**Business & Finance websites:** Accountancy Age . Best Practice . Financial Director . Management Consultancy  
**Consumer Technology websites:** Active Home . Computeractive . Gizmodo . PC Magazine . PCW . WebActive . What PC?

© Incisive Media Ltd. 2008  
Incisive Media Limited, Haymarket House, 28-29 Haymarket, London SW1Y 4RX, is a company registered in the United Kingdom with company registration number 04038503