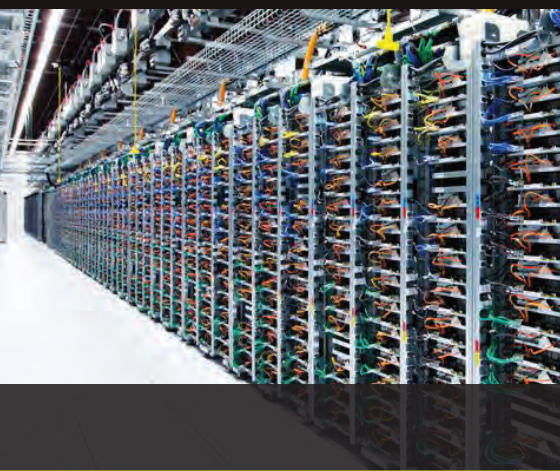
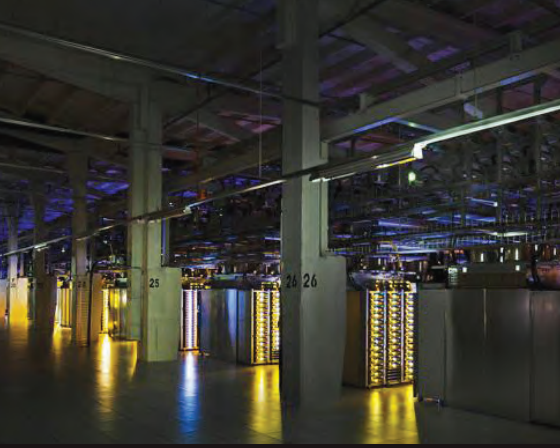




Electronic & Data Centre Portfolio



Data Centre facilities require broad experience, specialised knowledge and professional dedication to detail. Our ability to deliver mission-critical services is evidenced by our portfolio of clients in this sector.

**Jones Engineering Group**  
Engineering Contractors



## Electronic Division Overview

- Jones Engineering Group is a world class engineering contractor.
- Fast track mission-critical projects are a particular strength of Jones Engineering Group.
- Within the past ten years in the electronic and data centre sectors, we have completed a large volume of work to the highest standards, safely, within budget and on schedule.





# Intel

Working with Intel since 1989.

Intel Leixlip wafer manufacturing plant is the most advanced industrial campus in Europe. Intel is the world leader in silicon innovation. We have been involved with design, installation and hook-up contacts in Fabs 10, 14, 24 and 28. We provide mechanical services, process piping, specialist lift, electrical, instrumentation and full turnkey services.

**Value € 300m**



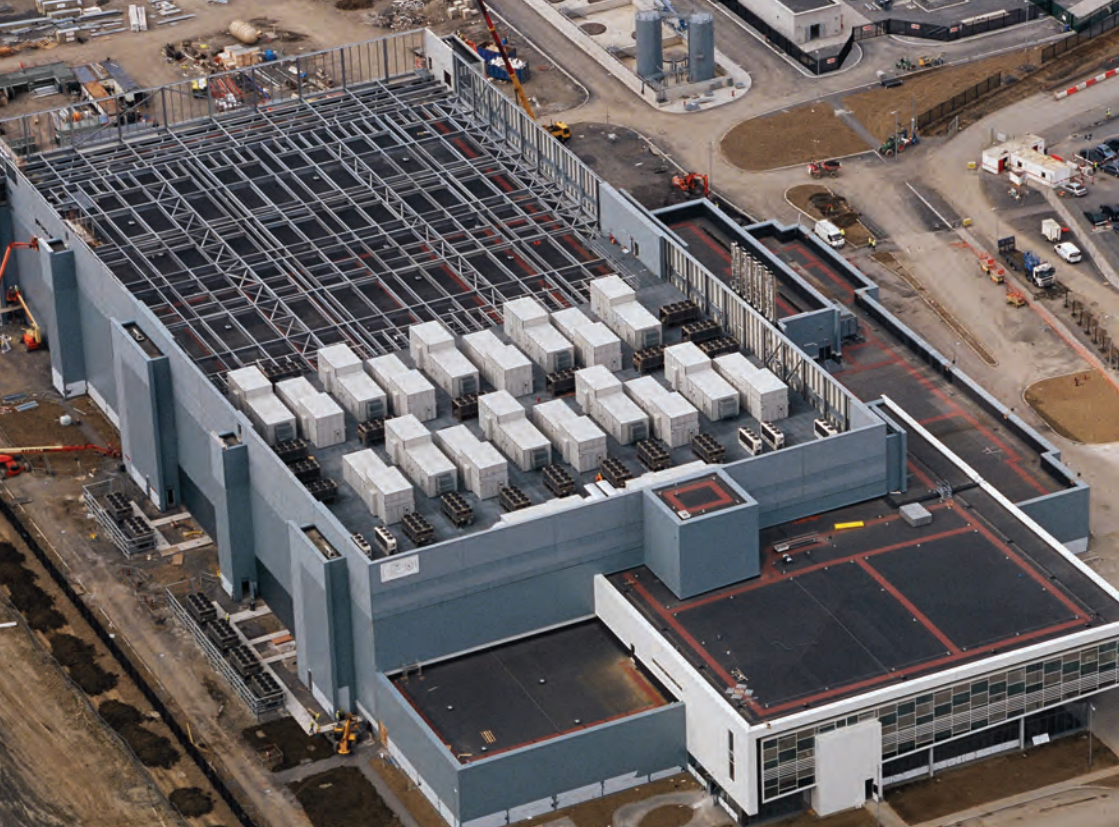
# Hewlett Packard

Working with HP since 1998.

Hewlett Packard is the world's leading technology company providing printing and personal computing projects. The Leixlip plant is the only ink manufacturing facility in Europe. We installed the mechanical services in this manufacturing facility and continue to work on expansion and refurbishment projects.

**Value € 60m**



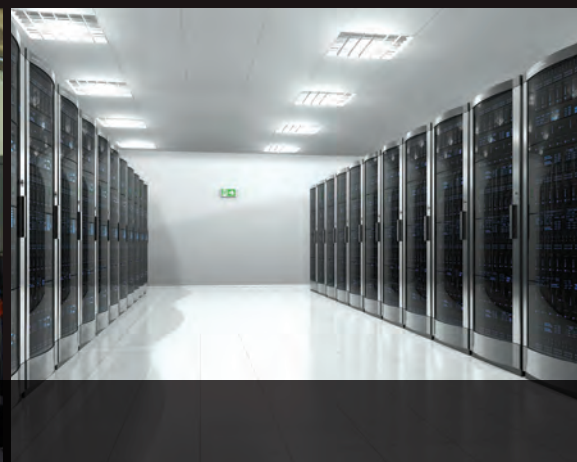


# Microsoft

Working with Microsoft since 2008.

Microsoft is one of the world's largest online service providers, and offers data storage and connection services to their customers. Jones Engineering Group has completed the mechanical and sprinkler services in this major data centre for Microsoft at Grangecastle. This is the first mega data centre built outside of the USA and the first large-scale facility to use free cooling. We continue to work with Microsoft on their new extension to this facility.

**Value € 35m** | **Capacity 29.4mw**



## Digital Realty Trust

Working with DRT since 2007.

Digital Realty is a trusted data centre solution provider for many of the world's leading enterprises. We have completed various projects both in Ireland and the UK, where we carried out the complete mechanical, and electrical services to a fit-out of an existing building to house a new two storey data centre. We have also carried out various upgrade works in existing live facilities as a turnkey GC contractor and continue to work with Digital Realty Trust across a number of their centres.

**Value € 45m**





# IBM

Working with IBM since 1997.

IBM has the largest data warehouse which contains 3 petabyte (3,000 terabytes) of raw data. This data centre is designed using IBM research for energy efficient green strategies and technology innovations that optimise space, power cooling and resiliency, while reducing costs and supporting business growth. We continue to work with IBM on the upgrade of their facility. We have installed significant mechanical HVAC, electrical and sprinkler systems throughout the IBM campus in Mulhuddart.

**Value** € 15m





## Dell Ireland

Working with Dell since 1993.

The Dell facility in Limerick was their primary European manufacturing facility, producing between 30,000 – 60,000 PC units a day for export to the EMEA. Dell's facility in Cherrywood Dublin was their technical support and call centre. During our time working for Dell we have completed major mechanical, electrical and fire protection installations in their facilities in both Dublin and Limerick.

**Value € 15m**



32MW Data Centre Finland

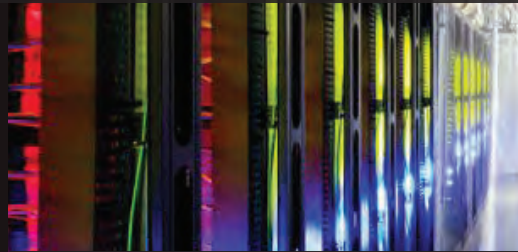


IBM 1.5MW Data Centre Dublin

## A Selection of our Projects



Meteor Data Centre Dublin



2MW Data Centre Dublin



Microsoft 29.4MW Data Centre, Dublin

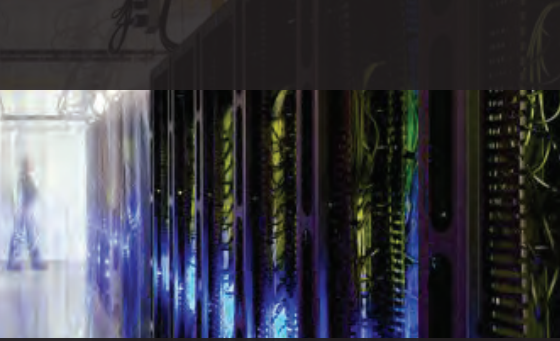


Data Electronics 10MW





Sungard Data Centre Dublin



DRT 10MW Data Centre Dublin



0MW Data Centre, Dublin



DRT 8MW Data Centre London





## Data Electronics

Data Electronics is now part of the Telecity Group who are Europe's leading provider of premium carrier-neutral data centres. Jones Engineering Group carried out an expansion project in a live operating environment, installing both mechanical & electrical services along with ancillary works throughout the building. This project was carried out within a tight programme and delivered on schedule.

**Value** € 4m | **Programme** 6 months | **Capacity** 10mw



## Worldport Communications

Jones Engineering Group installed the complete mechanical installation throughout Worldport's European administrative HQ and their data centre complex in Dublin. This facility has since been taken over by Digital Realty Trust and we have carried out significant mechanical and electrical upgrade work for our client. We continue to provide services to DRT on an ongoing basis.

**Value** € 8m | **Programme** 9 months



## High Capacity Data Centre

We have been working with this major multinational client for the last three years. We have provided mechanical and sprinkler services for two data centres located within the Dublin Region, both of which were carried out over a tight programme and delivered on time to the highest standard of quality and within budget. We continue to work with this client on their new facility in Finland.

**Total value** € 18m | **Total capacity** 37mw





## NTL / UPC

Jones Engineering Group completed the design and installation of the electrical services in various NTL facilities throughout Ireland, including their call centre and switch sites.

**Value** € 10m | **Programme** 12 months



## Facebook

Facebook is the American Internet Corporation which runs the social networking website Facebook. They have recently acquired their Irish HQ and call centre located in the Grand Canal Dock area of Dublin. We completed the mechanical and electrical services throughout the shell and core fit-out areas of this eight-storey office complex, and continue to provide planned preventative maintenance to Facebook.

**Value** € 5m | **Programme** 6 months



The 500,000sq ft facility encompassed the manufacture of colour toner, inkjet printer cartridges, inkjet printer heads, power supplies and electronic assemblies. The campus comprises six buildings which house materials procurement, production management, quality management, human resources, environmental health & safety and centralisation server farm to support the company pan-European information technology functions. We carried out the mechanical, electrical and sprinkler systems across various buildings on the campus.

**Value** € 16m | **Programme** 12 months





## Sungard

Sungard is one of the world's leading software and IT services companies. We recently carried out a project for Sungard where we were employed as General Contractor. This project included installing new main switchgear, back-up generator, UPS systems and BMS system.

**Value** € 1m | **Programme** 12 weeks



## Our Accreditations

### Safety

We are constantly working in a variety of demanding environments including live hospitals, offshore platforms, multi-storey buildings, live pharmaceutical plants, and heavy industrial plants where safety and quality are paramount. We continue to receive numerous awards for our achievements in safety, which is our number one project value and goal. From our Managing Director down, we commit ourselves to the goal of zero accidents. Every employee has their part to play. We are certified to the Safe T Certificate Scheme and hold a triple A-rating.

### Quality

All subsidiary companies within the Jones Engineering Group are accredited with ISO 9001: 2008. In developing our management systems, we are continually attempting to go beyond the concept of simply "conforming to requirements" by addressing other dimensions of quality. Our approach to quality assurance is project specific and customer orientated. The quality of the service we provide to our clients is as important to us as the quality of the installation itself.



## Our Accreditations

### **Environment**

The company considers the protection of the environment to be of primary importance and accept that we have a responsibility to demonstrate sound environmental awareness, management and sustainability through the implementation of best practice.

“Quality work  
through quality  
people”





## Selection of our Clients

We have ongoing relationships with many existing clients which is testament to the excellent quality of workmanship and service provided by Jones Engineering Group.

- Intel 24 years
- Dell 20 years
- IBM 16 years
- Hewlett Packard 15 years
- Digital Realty Trust 6 years
- Eircom 6 years
- Microsoft 5 years

## Working Internationally

We have over 1,400 employees working worldwide

**Dublin,  
Head Quarters,  
Ireland**

Waterways House,  
Grand Canal Quay,  
Dublin 2.

Tel: +353 (0)1 6711500

For office locations see  
[www.joneseng.com](http://www.joneseng.com)

**Damastown Office,  
Dublin, Ireland**

Tel: +353 (0)1 8697100

**Cork Office,  
Ireland**

Tel: +353 (0)21 4510700

**London Office,  
United Kingdom**

+44 207 242 1706

**Riyadh Office,  
Kingdom of Saudi Arabia**

Tel: +966 121 505 28

**Jeddah Office,  
Kingdom of Saudi Arabia**

Tel: +966 504 586 259

**Doha Office,  
Qatar**

Tel: +974 448 067 97

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through quality  
people”



[joneseng.com](http://joneseng.com)