

# parcel distribution

## facility and operations design, improvement, upgrade and implementation

o&i consulting provides all-encompassing operations, engineering and facilities expertise to the parcel industry. With long-standing sector experience, our team works with distribution organisations to develop and implement new automated facilities and optimise the performance of their existing operations and equipment. A combination of facility development and management, equipment integration management, operations design and process reengineering skills alongside project management and operational readiness capabilities enables parcel clients to achieve operational excellence.

With ever-increasing demand for parcel courier services, o&i consulting helps distributors to meet their long and short-term business needs. Industrial engineering and operational research disciplines identify opportunities to maximise existing asset utilisation. We develop practical solutions that deliver increased capacity and improved productivity; providing clients with the flexibility to fulfil seasonal peaks and changes in consumer habits.

Where equipment upgrades or new facility developments are necessary, our experienced team establishes future capacity, automation, process and user requirements, and works with stakeholder teams to agree and realise development strategies for parcel sortation buildings and systems of varying sizes. o&i consulting guides parcel carriers through design, construction and installation phases, designing efficient processes to complement new technologies. Engaging client operations and management teams, we test and trial operations and equipment, and lead phased readiness and transition activities.

o&i consulting has an impressive track record of working with national and international parcel distribution organisations on operations improvement, equipment upgrade and facility development projects.

**operations  
design**

**operations  
improvement  
and upgrade**

**operations  
planning and  
modelling**

**automation  
expertise**



**equipment  
integration**



**sort facility  
concept and  
detailed design**



**project and change  
management**

**live operational  
trials and  
implementation**

**operational readi-  
ness, activation and  
transition**

# parcel sector reference projects

## UPS: parcel sortation facility project management

With a value of £114 million, a member of our team project managed the construction and development of UPS' East Midlands Gateway: a 33,000 m<sup>2</sup> parcel sorting facility on a 28 acre greenfield site. The facility included a fully automated MHS parcel sortation system initially able to sort 22,000 packages per hour which incorporated autonomous X-raying equipment and a small sort system able to sort an additional 18,000 packages per hour.



## Asendia: automated system integration

Asendia wished to install an automated sorting system and six new robots for over-labelling - an industry first - at its Heathrow parcel processing centre, and asked our team for expert project management and subject matter support in ensuring the successful delivery of this programme. o&i consulting's role included providing system development guidance, design revisions and refinements, overseeing the installation of the automation and labelling solutions, managing Asendia operational readiness and testing activities, go-live preparations and stakeholder management.



## UPS: project management of hub development

During the development of the £150 million London Hub, the project management responsibilities of a member of our team included construction of 35,000 m<sup>2</sup> parcel sorting facility; installation of a fully automated 28,000 packages per hour Siemens sortation system (expandable to 49,000); and a twin cross belt small sort each able to handle up to 13,000 packages per hour.



## DHL Global Match: operations solutions

o&i provided solutions to Global Match to enable it to resolve the congested and challenging work environment in its London mail consolidation facility, with a view to enabling the business operation to continue successfully for the next 3 years. The project focused on all parts of the warehouse operation involved in receiving, sorting and despatching mail bags, parcels and containerised goods in the facility.



## Parcel facility and operations design and improvement:

Other clients that have benefited from our parcel sector expertise include City Link, DHL, DPD, and Doddle.

## about o&i consulting

o&i consulting is a niche operations consultancy, specialising in the transportation and logistics sectors. We apply industrial engineering and operational research skills, project management expertise and broad industry experience to help our clients to fully understand their operation, improve the performance of their existing operations, develop efficient new facilities and create a positive customer experience.

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