

REAMIT Networking Symposium

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Crowne Plaza Nottingham, UK



LEVSTONE



WHYSOR



SenX



Valorial
OSONS L'ALIMENT PLUS INTELLIGENT



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Real Time Mission Critical Systems & Mobile Apps

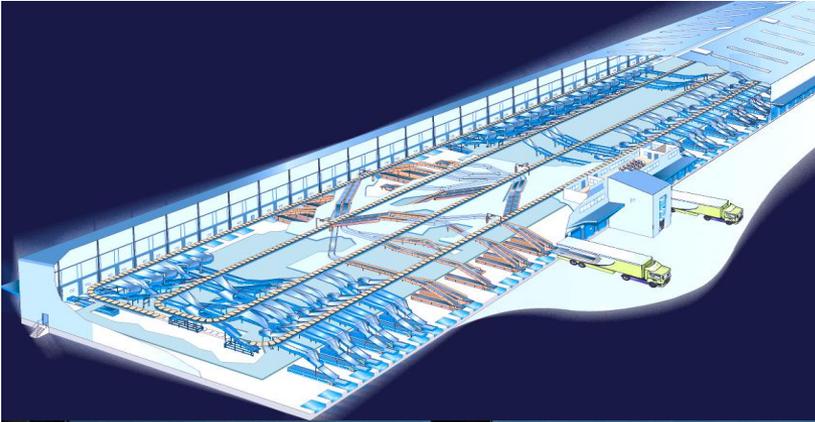
Future Trends: Logistics Express Parcel Super Hubs

Levstone definition[1995]: 100 docks, 400+ linehauls, 6+ shunters, 20K+ parcels sortation per hour, 200K per shift etc.

Levstone definition[2020]: 200 docks, 700+ linehauls, 10+ shunters, 50K+ sortation parcels per hour, 400K per shift etc.

Levstone definition[2030]: 300 docks, 1500+ linehauls, 0 shunters, Shunter AGV, 100K+ sortation parcels per hour, 700K per shift etc.

Best Processes: Now




LEV LIGHT traditional lights

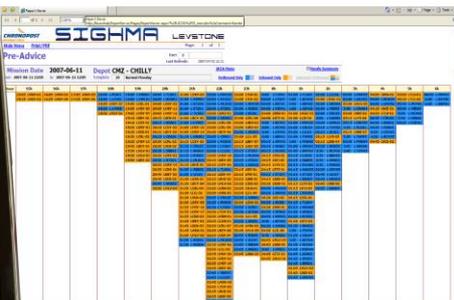


- 2W Ultra bright
- 60W

- ✓ Brighter
- ✓ Lower energy (x30)
- ✓ Longer life (10 year)

- LEVdock6 proven 15 years
- LEVdock4 tailored operations
- LEVdock2 lowest cost network control



Investments: Big is better

DPD's new £150m parcel hub in Hinckley, Leicestershire. The Hub 5 site is the size of 22 football pitches and the main hub building is 502 metres long and 40 metres wide, sort 72,000 parcels per hour, 2021.

Royal Mail is to build three automated parcel hubs as part of a plan to introduce a second delivery for parcels. The move is part of a £1.8 billion investment in network enhancements, digital initiatives and new ways of working, opening 2023.

New Trend: Chronopost / Geopost[DPD Brand] Now have integrated selected foods as part of their existing parcel linehauls in their super hub in Paris. Perhaps a model for rest of the brand to follow?

Demand: Click & Collect

Not just the big players: Ever increasing e-commerce market

DW Fitness First is working with click and collect technology specialist Doodle on an e-commerce offering that sees customers order sports kit online and have it delivered to the gym the next day.

Could they order your perfect meal to collect which is **'prescribed'** by an AI ?

Agile Super Hubs needed in the future to address such trends!

Trend: Big Fish eat little fish

THE LAST MILE – Hand over of package faces the biggest barriers [legal & cost]
e.g. Can not hand over the package, logistics, smart cities restrictions etc.

DELIVEROO Amazon would like to buy a majority stake.

The Competition and Markets Authority is considering launching a full investigation into plans by Amazon to take a stake in Deliveroo, on the basis that it might result in a substantial lessening of competition.

Sustainability is no longer just a buzzword; it could really make-or-break Agriculture/grocery retailers over the coming years

Block Chain & AI: Standardisation, lack of knowledge, legislation and trust in a new technology are just a few of the obvious hurdles

Legal: 'Gig Economy'

The Court of Appeal has upheld an Employment Tribunal ruling that Uber drivers should be classed as “workers” entitled to the national minimum wage and holiday pay.

Supply chains will have to find a way to become more **agile....**

New Trends [Environment & New Market Space]

Partnership: WWF and Tesco will track the environmental impacts of a sample of regularly bought products, to better understand the impact of food production.

The WWF and Tesco partnership calls on the food industry to provide consumers and stakeholders with transparent data on sustainability criteria, including climate change, deforestation, food packaging, and waste. Tesco and WWF will run a first full assessment against the metric in **early 2020 and publish the results.**

The UK's biggest **surplus food distribution charity, FareShare**, has opened a new warehouse in Milton Keynes to provide an estimated 370,000 meals to people in need over the next year. The regional centre will be FareShare's 25th warehouse in the UK, aims to serve 49 charities and community groups and will reach over 5,200 people at risk of hunger within its first year

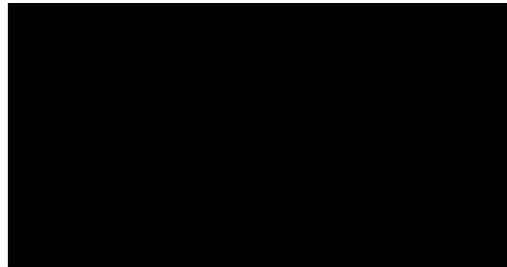
Digitisation: Automation

The 2020s will be a decade of incredible change for the logistics sector.

Which ever *levers* you look at, call it what you will, but the way the Logistics hubs, warehouse, transport runs in 2029 will be unrecognisable from 2019.



Warehouse 1995



Warehouse 2002

2029

THANK YOU