interxion



Wouter VAN HULTEN



interxion COLORESEARCH

Tracking datacentres worldwide

1998 -

2008 -

1994

1997

2001

2009

2012



SPEEDPORT NV

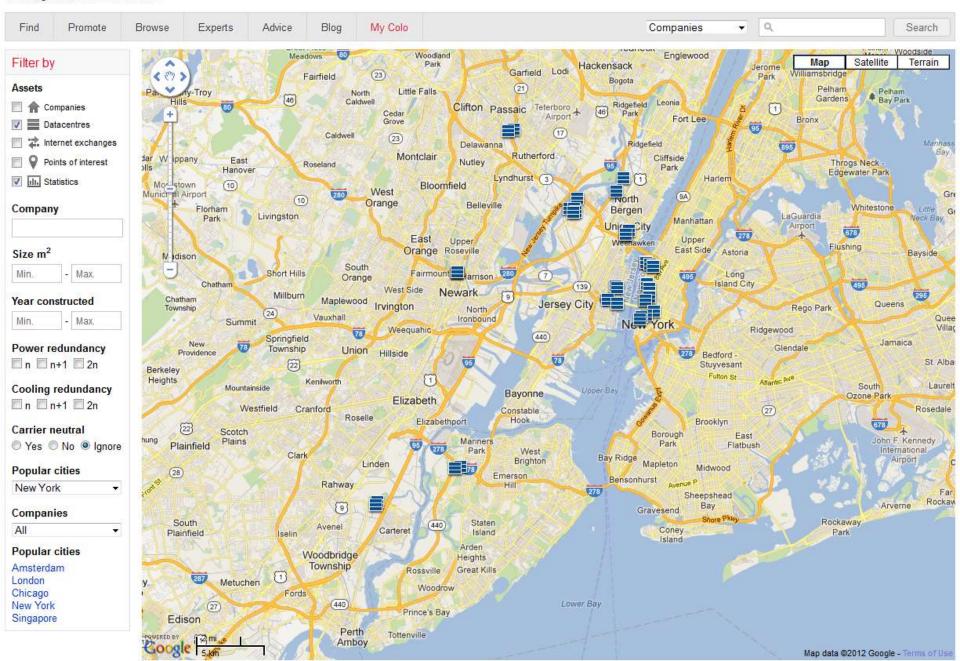






COLORESEARCH

Tracking datacentres worldwide



INDUSTRY STATISTICS

3,000,000 In-house Data Centers in the USA

4,000+ Commercial Data Centers Worldwide

500,000 SQM Data Center space in Amsterdam

1,000,000+ Cross Connects

ENABLING THE DIGITAL ECONOMY

Understanding the industry enabling the "digital economy" provides a strategic advantage – enabling you to connect, transact and create value.

Part 1: Terminology & Services

AGENDA

- 1. Introduction
- 2. Terminology
- 3. Services
- 4. Q & A

INTERXION WHO WE ARE

Leading provider of cloud and carrier-neutral data centre services

- Founded 1998 the first data centre operator to set up across Europe
- Headquartered in Amsterdam
- Listed on New York Stock Exchange (INXN)

Community

- Over 1.500 customers
- 500+ carriers
- 350+ cloud providers
- 400+ employees



Colocation

- 40 datacentres
- 89.000 Square
 Meters
- 96.000 MW power
- Cross-connects



Interconnection

- 20 Internet Exchanges
- Financial Hubs
- Content Hubs



Coverage

- 13 cities across11 countries
- City centre, low latency locations



OPERATIONAL EXCELLENCE

Industry accreditations & memberships

Founding Member

European Data Centre Association

Patron

European Internet Exchange Association

Member

EuroCloud

M&O Stamp of Approval

PAR3 & PAR5 data centres

Cofounder EMEA Chapter

Uptime Institute – availability, tier definition

Contributor Member

The Green Grid – energy efficiency

ISO 27001 & ISO 22301 Accredited

Information Security Management & Business Continuity Management

ITIL V3-accredited Customer Service team

Continuity and service quality



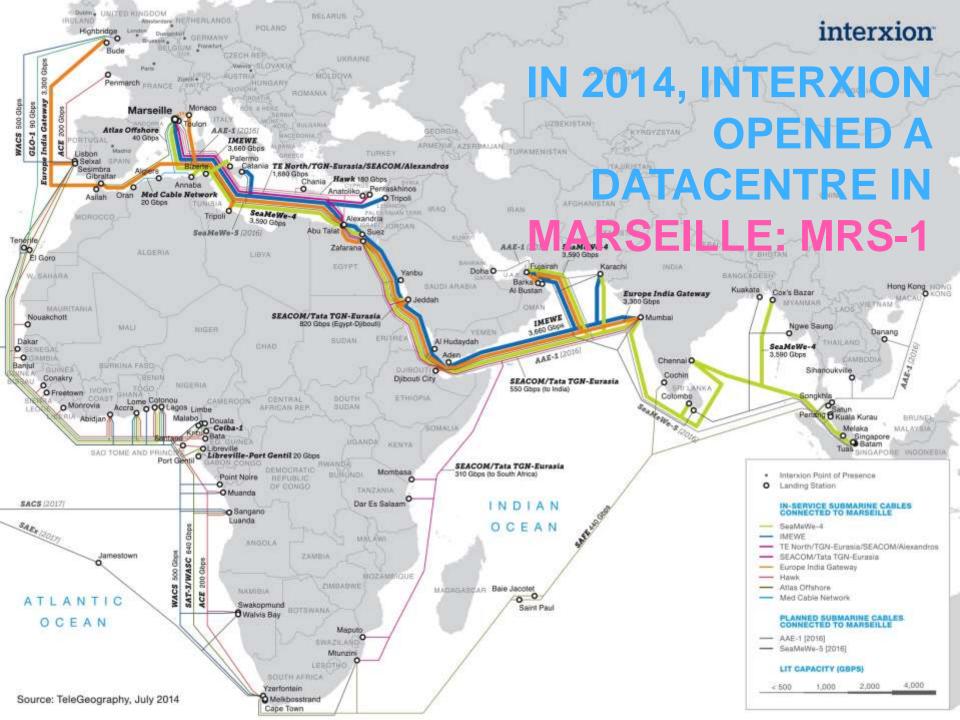












MRS-1: EUROPE CONNECTS TO AFRICA

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TERMINOLOGY

DATA CENTRE DEFINITION

"A data centre is, in simple terms, a facility with the power, space and reliability to house computer servers. [...] A user – whether carrier, corporate or government – could use the data centre to run their own servers, IT applications, online services and disaster recovery (emergency back-up)."

Source: Broad Group

 A carrier-neutral data centre provider is entirely independent of any network, hardware or software vendor.

DATA CENTRE COMPONENTS

Customer Space

- Shared Room
- Private Room

General

- Reception
- Coffee & WiFi area
- Delivery and Storage area
- Security room
- Operations Centre
- Helpdesk
- Office Space

Technical Areas

- Transformer
- Generator
- Main Switchboard
- UPS
- Battery
- Fuel storage tank
- Chillers
- Pumps
- Water tank
- Gas storage
- Meet Me Room
- Building Entry Point

DATA CENTER CATEGORIES

IN-HOUSE

WHOLESALE

NETWORK OPERATED MANAGED SERVICES / CLOUD

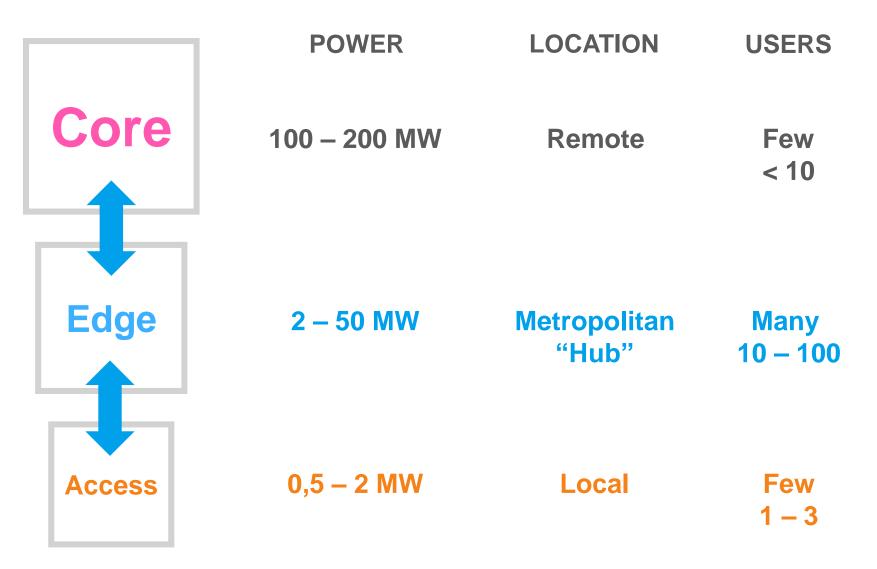
CARRIER & CLOUD NEUTRAL

- Real estate focus
- Limited connectivity choice
- Limited flexibility

- Application outsourcing model
- Data Center as add-on service
- Limited connectivity choice

- Data Center is prime focus
- StrongCommunities
- Rich Interconnection

CORE, EDGE & ACCESS



















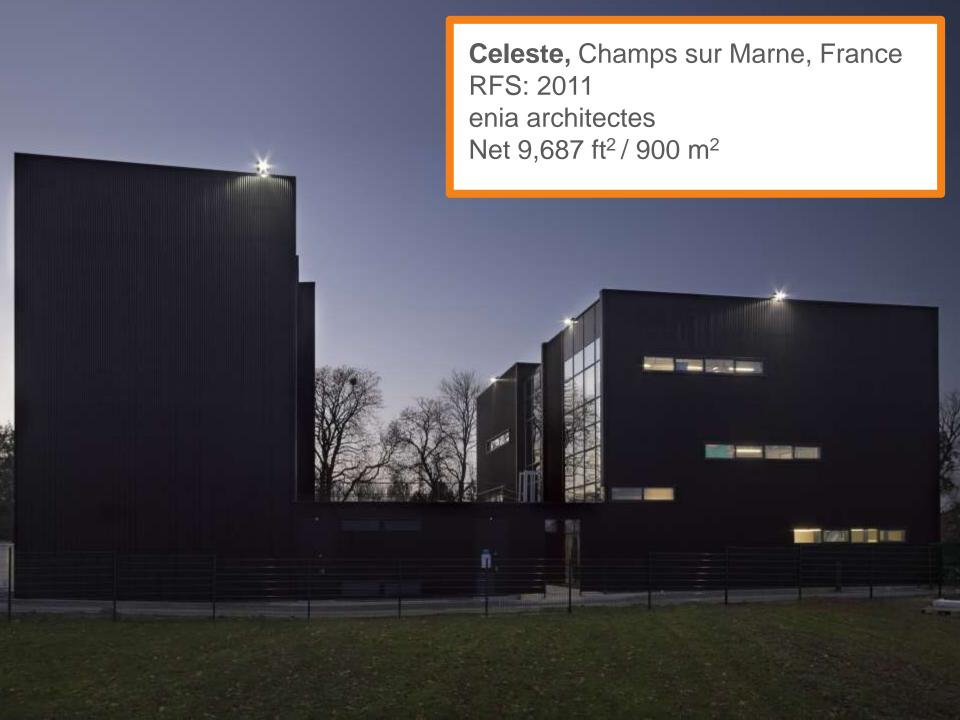














SHELL, PRE-FABRICATED, CONTAINER?

- **Shell** Anyone selling industrial / commercial property
- Build to Suit Construction companies
- Pre-Fabricated Datacentre specialists, construction only
- Modular Container Container based solutions
- Managed Wholesale Real-estate background
- Managed Commercial Datacenter operators

MAINTENANCE & OPERATIONS



WHY OUTSOURCE YOUR DATA CENTRE?

1. Scalable capacity helps you stay agile

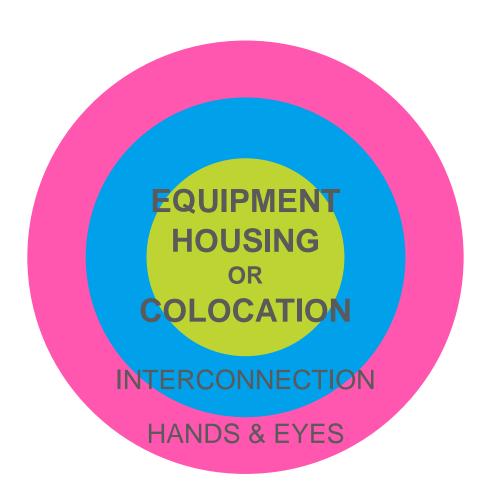
2. Maintain business focus

3. Skilled engineers on demand

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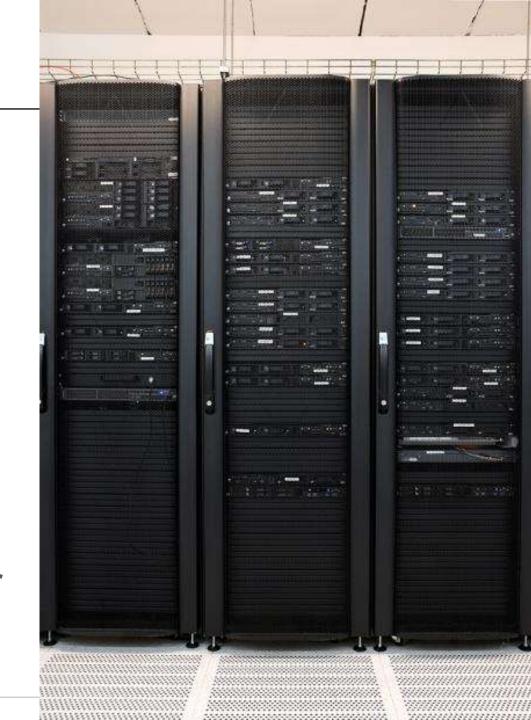
SERVICES

SERVICES



CABINET

- 600 x 1060 footprint = footprint 2,5 m2
- 42 HU
- Blanking panels
- Cold aisle containment
- Basic level PDU
- Power added separately
- Lock
- Power under raised floor
- Data cabling overhead









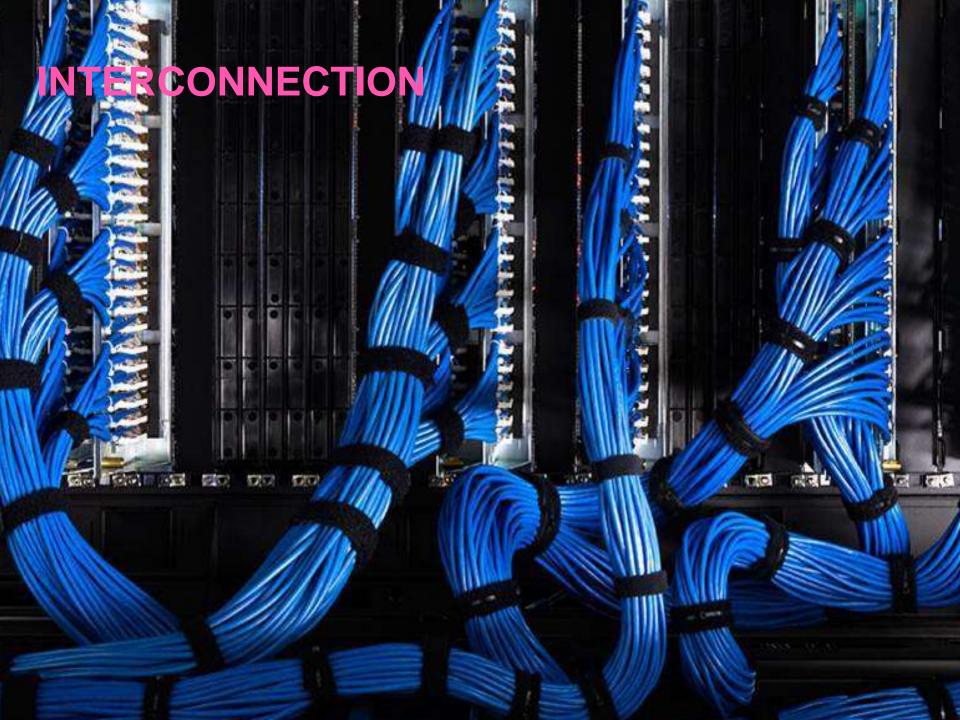


WHY COLOCATE?

1. Reduce costs

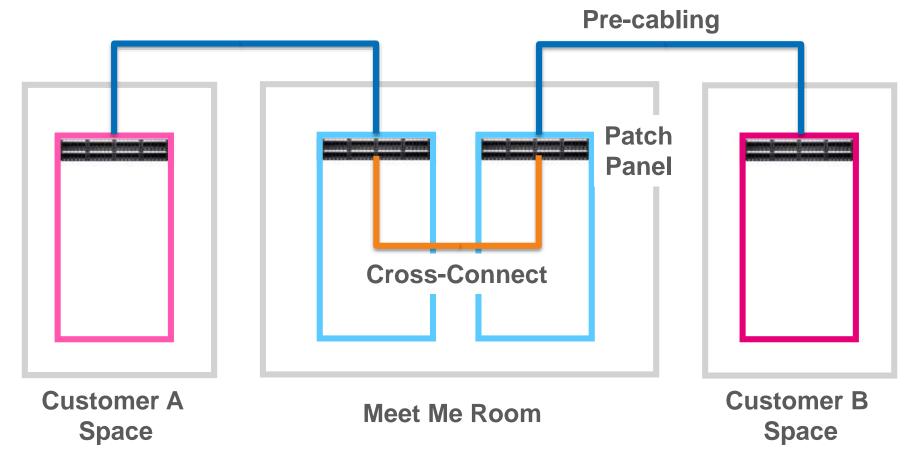
2. Reach and location

3. The right connectivity



CROSS CONNECT

Direct connections to partners, suppliers and customers in the same or nearby data centres



INTERCONNECTION EUROPE v. US

EUROPE

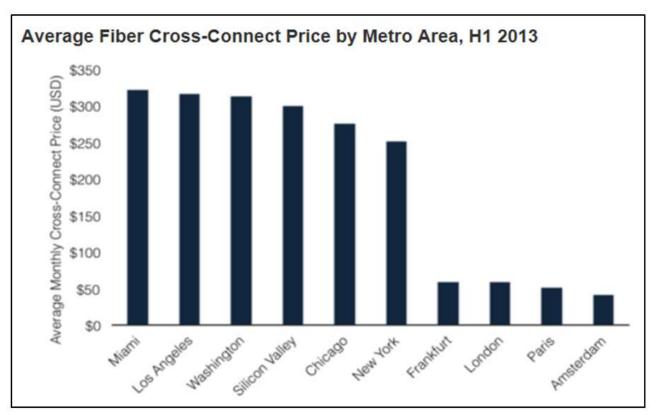
- Cross-connect or private peering, generally inexpensive
- Not-for-profit IXPs
 - Public IXPs providing interconnection services to members at cost
 - Typically hosted in data centers of multiple datacentre operators
- A few private IXPs operated by data center operators

US

- Cross-connect or private peering, generally expensive
- Commercial IXPs
 - Typically operated by interconnection data centers, single datacenter operator
- Not-for-profit IXPs
 - Smaller cities
 - European IXPs expanding to USA: LINX, DE-CIX, AMS-IX

INTERCONNECTION PRICING

Private peering costs in the US are up to six times higher than in Europe.



Source: Telegeography Report, "US, Europe Colocation Pricing Models Vary Significantly", 24 September 2013, available at https://www.telegeography.com/press/marketing-emails/2013/09/24/u-s-europe-colocation-pricing-models-vary-significantly/index.html/

WHY INTERCONNECT?

1. Connect to your business partners

1. Lower your networking costs

2. Reliability and scalability of your infrastructure

QUESTIONS FOR DATACENTER OPERATOR

- 1. Do you offer you the flexibility needed for our future requirements?
- 2. What about your location?
- 3. How much experience do you have?
- 4. Are you well connected?

CONTACT

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THANK YOU

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