

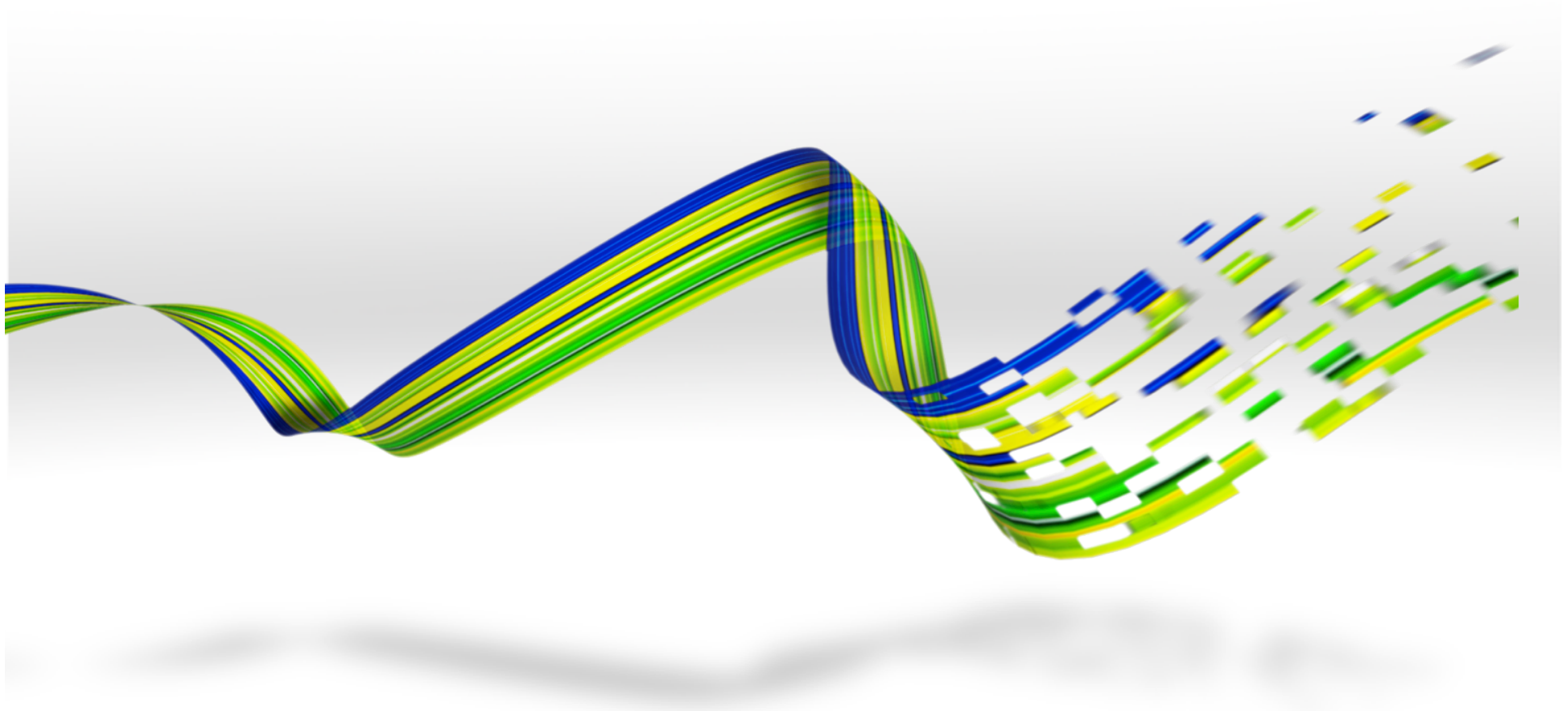
IPv6 for Content

UKNOF 19

James Blessing

April 20th 2011



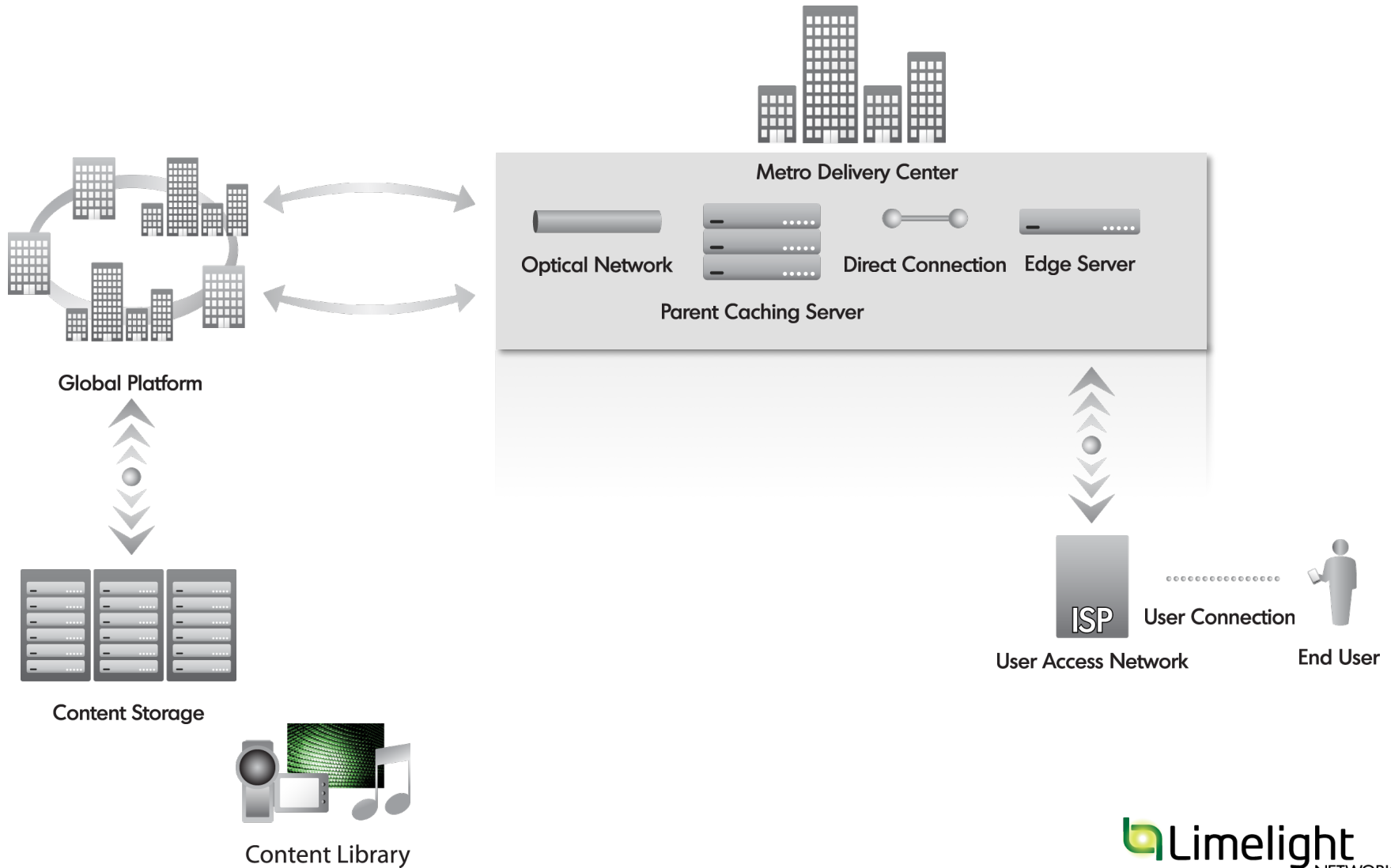


Agenda

- Where
- Measurement
- Issues
 - Dual Stack
 - IP addresses
- Debugging
- Training
 - Technical
 - Other
- Is the end in sight?



Where



Measurement

- Big problem - compatibility
- Two related problems:
 - Day 1 traffic will be orders of magnitude lower
 - BAU



Issues

- Addressing Plan
- Parsing
- Dual Stack
- IP Literals (in content and libraries)



Debugging

Tools

- Ping
- Traceroute
- Sh ipv6 bgp



Training

- Technical
- Others
 - Sales
 - Billing
 - Admin
 - Marketing



Is the end in sight?

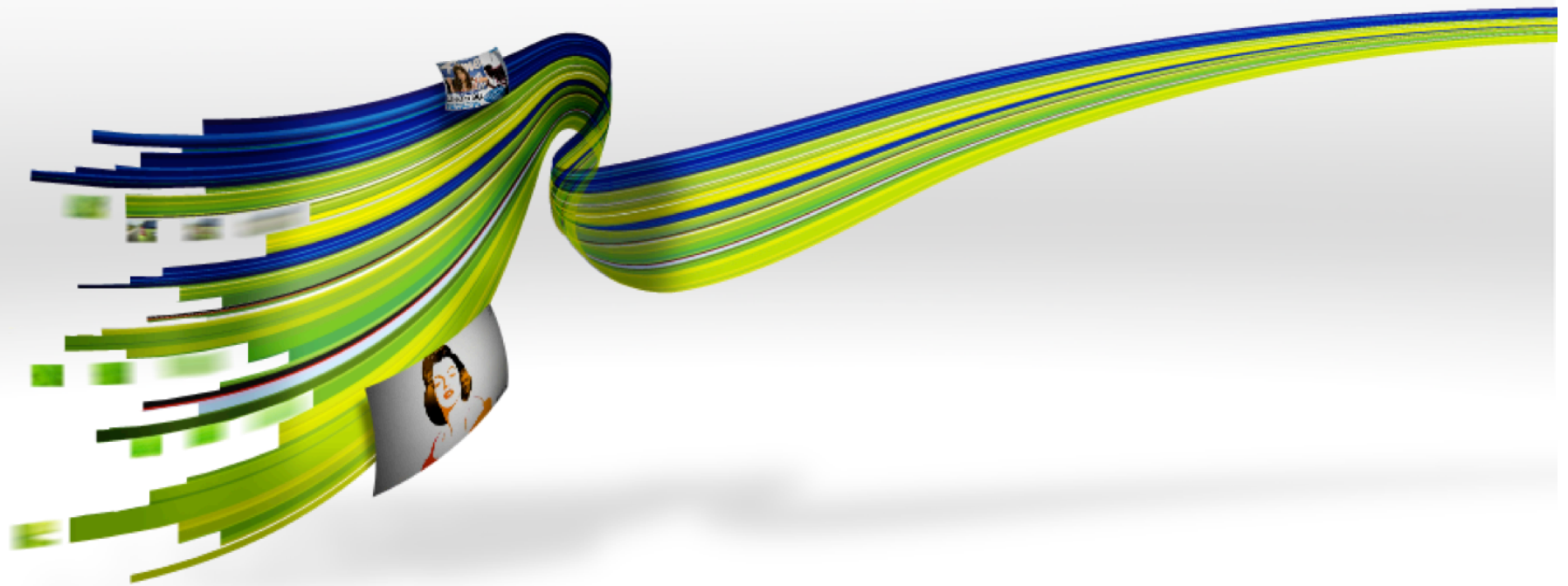
When is IPv6 'rollout' complete

- IPv6 dual stack network
- IPv6 configured on all services
- IPv6 part of DTD processes
- IPv6 peering \sim IPv4 peering
- When you stop talking about IPv6 vrs IPv4





Thank you
Q & A



 **Limelight**
NETWORKS