2009

VERSO

ANR-09-VERS-014

ViPeer (WP5)

Video Traffic Engineering in an Intra-Domain Context using **Peer**-to-Peer Paradigms

AGENCE NATIONALE DE LA RECHERCHE ANR

SOLUTIONS COMMUNICANTES SECURISEES — PÔLE DE COMPÉTITIVITÉ MONDIAL

images & réseaux

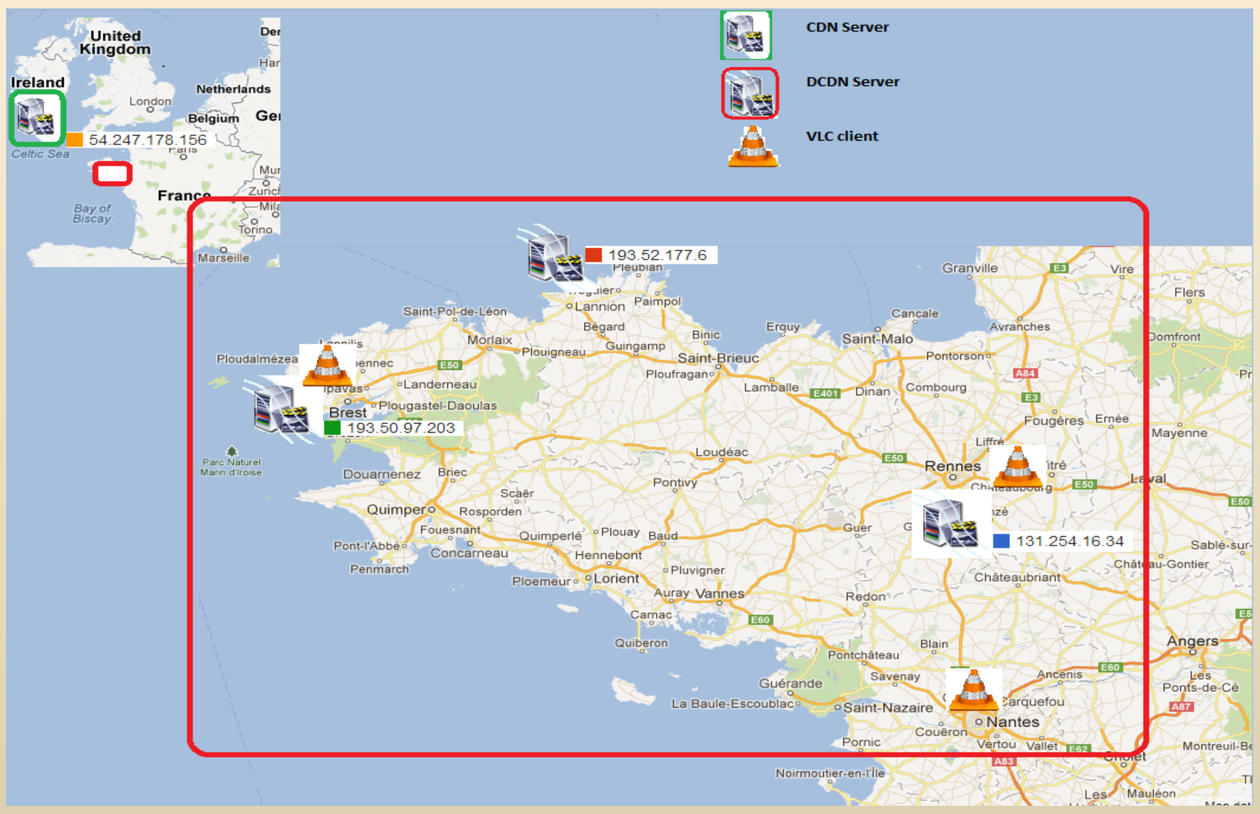
Academic Partners

INRIA — MINES TELECOM INSTITUT Mines-Télécom — TELECOM Bretagne — EURECOM Sophia Antipolis

Industry Partners

envivio. — orange™ — NDS (NDS is now part of Cisco.) — cisco

Testbed Architecture



Video Quality

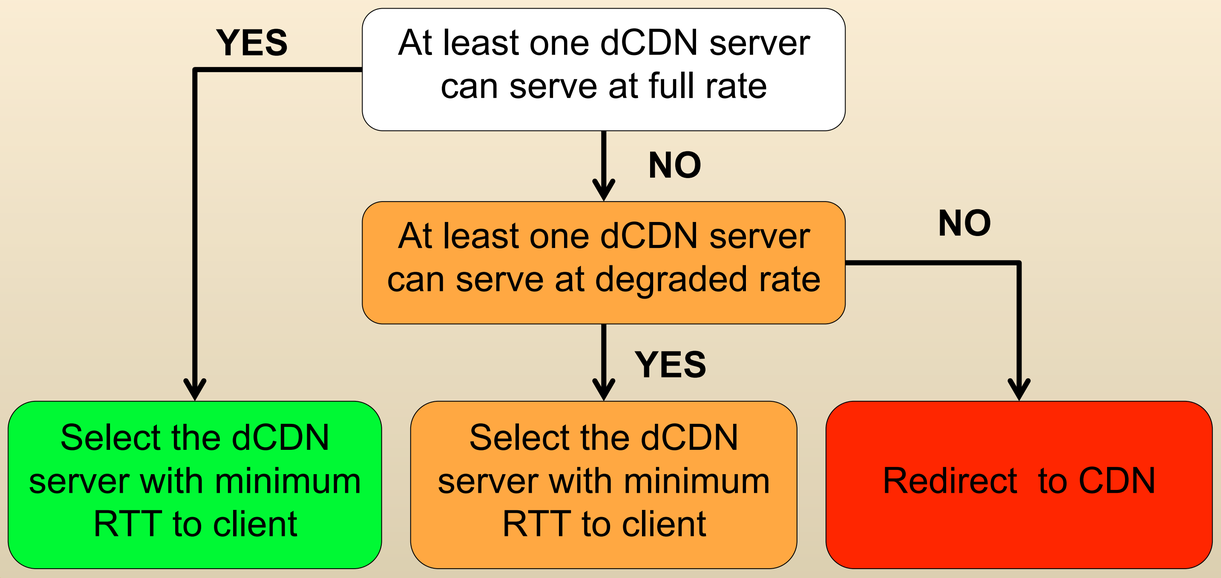
full (3000kbit/s)

degraded (900kbit/s)

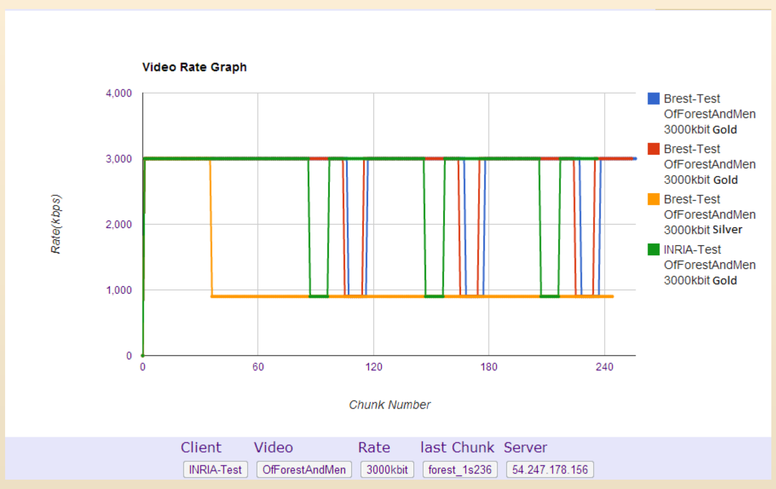
Clients' classes

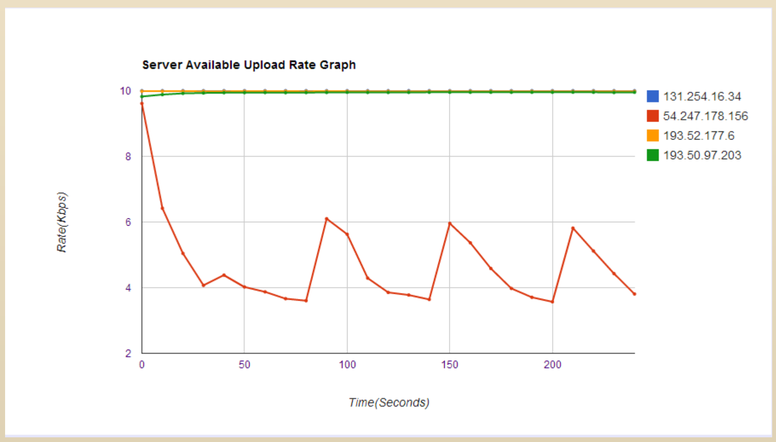
	Available Upload Bandwidth
Silver	75%
Gold	100%

dCDN serving strategy



DASH with CDN



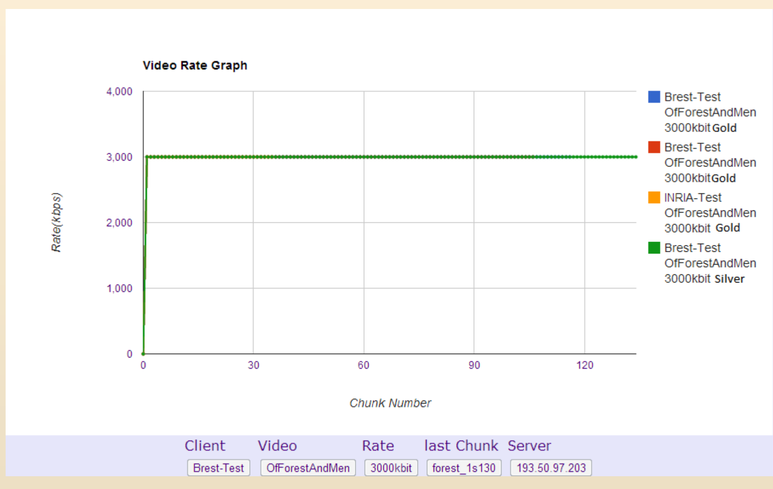


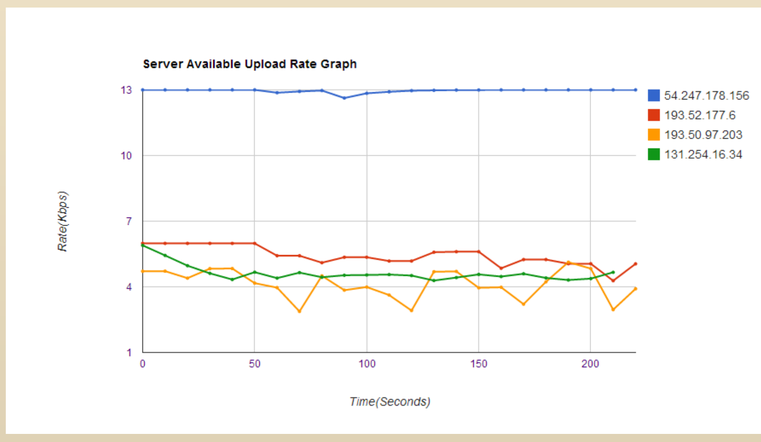
Network Friendly DASH with dCDN

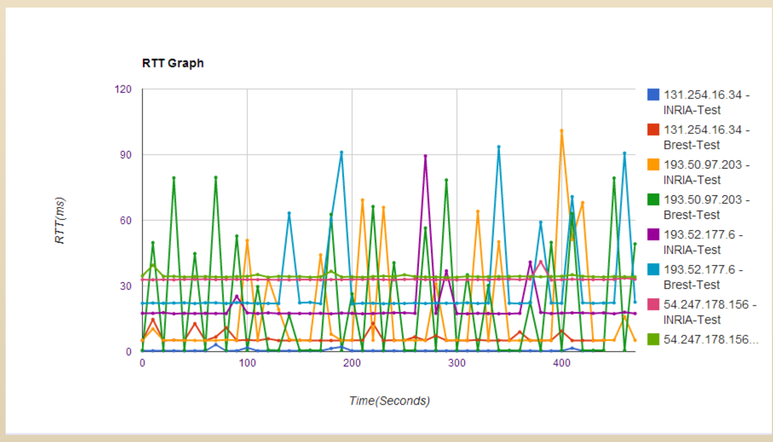
In the dCDN, all clients (including silver client) receive full rate stream

The 3 dCDN servers are used

The RTT to customers varies between 10ms and 100ms







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