



ALCATEL-LUCENT BELL LABS IN CELTIC-PLUS

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BANITS



ENCOMPAS



BUGYO



SEIMONET



RED



HERMES



BUGYO-BEYOND



HNPS



RUBENS



SERVERY



UP-TO-US



TIGER



TRANS



MOVIES



TIGER2



100-GET



AWARE



HOMESNET



MEVICO



INNOVATION IN DIGITAL HOME CARE



Customer Service Management
IPTV VoIP HSIA Security

Home Network Management
(ALU 5580HNM)

Access Loop Management
(ALU 5530 NA)



- HDM Handles every task related to CPE management
- Proven solution: 140 customers, 120M devices managed

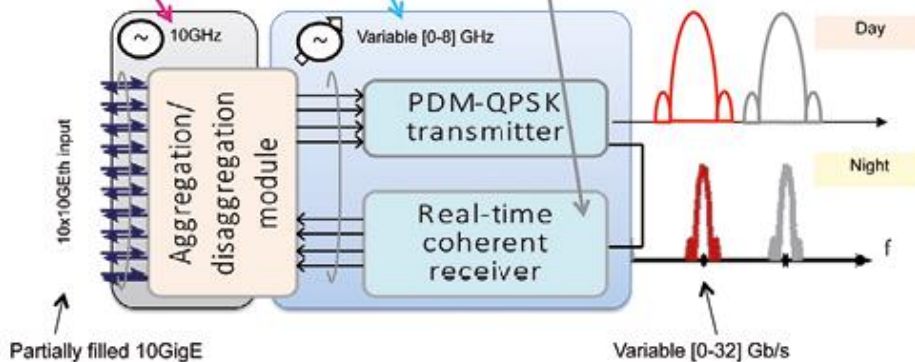
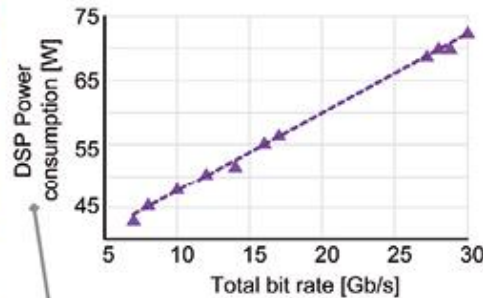
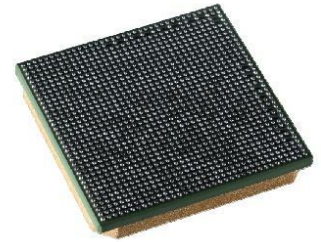


- Celtic Excellence Award 2008
- Network Analyzer - Copper
- Proven solution: 116 customers, 120M lines managed

PIONEERED THE RESEARCH ON DIGITAL HOME CARE STARTING FROM THE COPPER LINE TO THE HOME DEVICES,
AND DEFINING SEVERAL KEY PROTOCOLS

INNOVATION IN ELASTIC-OPTICAL NETWORKING

CELTIC GOLD AWARD 2014



CELTIC-EONET

ALCATEL-LUCENT OPTICS BU

- Improvement of 400Gbps PSE chip with the ability to switch between different modulation formats
- Tool for predicting BER, generating gain of cost through faster design and lower physical margins thanks to the accurate BER evaluation
- Routing algorithms for the network planning tool 1390 NPT

PIONEERED THE RESEARCH ON ELASTIC OPTICAL NETWORKING AND ATTAINED SUBSTANTIAL CAPACITY GAINS OF 30%, SIGNIFICANT COST ADVANTAGES AND ESTIMATED ENERGY SAVINGS OF 25%

Every success
has its network