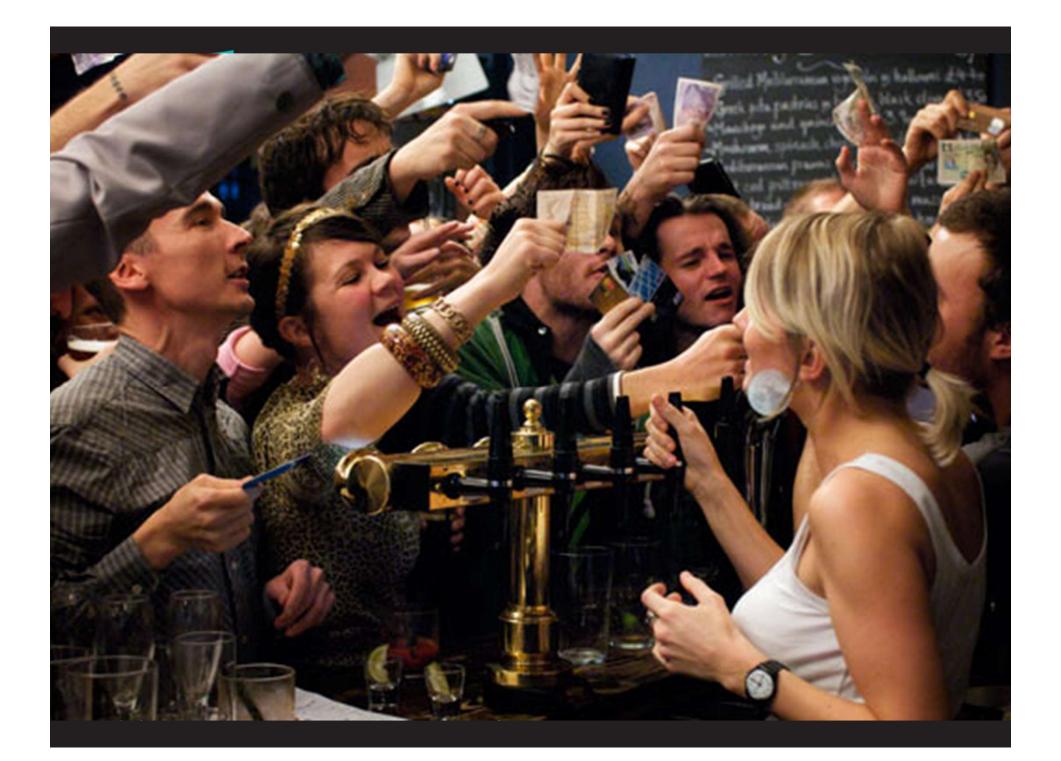


DESTINY - BNIX EVENT 2019





#### WHO'S DESTINY





more than 10.000 connected offices













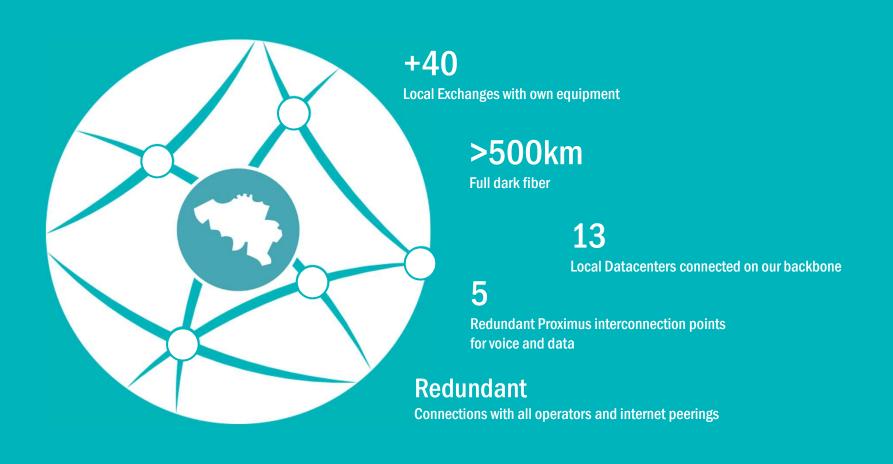






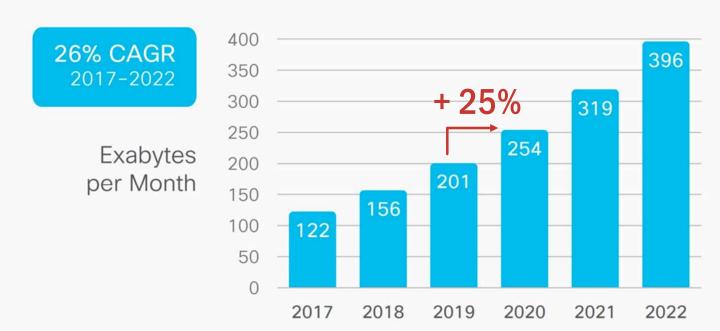


# WHO'S DESTINY





## INTERNET TREND



Source: Cisco VNI Global IP Traffic Forecast, 2017-2022

= 1000 petabytes

= 1 million terabytes

= 1 billion gigabytes



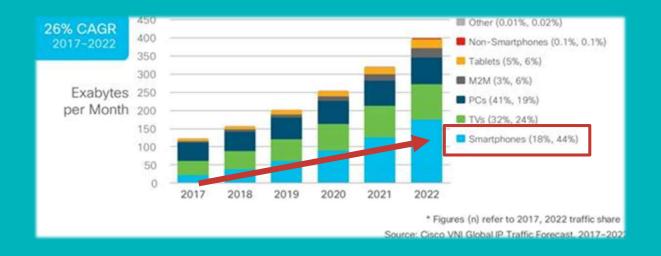
## INTERNET TREND

S ocial
M obile
A nalytics
C loud

is changing the way we live, interact with each other or do business

... and doing so at an increasing pace

... driving internet usage up and up and up



... and the smartphone gives that rise a Red Bull



## WHY PEER ANYWAY?

#### **LOWER COSTS**

- For Destiny, peering is less expensive than transit
- Approx. 15% compared to transit
- Might be different for other providers

# GREATER CONTROL & TROUBLESHOOTING



- Using transit, data follows any path over the internet peering can solve that
- In case of latency or packet loss, assistance of transit partner is required in troubleshooting
- Often more consistent routing not depending on changes at the transit provider



#### WHY PEER ANYWAY?

## **LOWER LATENCY**



- Internet traffic flows more locally and at high speed leading to low latency
- Traffic for Belgium remains in Belgium (no potential thromboning)
- Improves the user experience in many use cases (MS Teams, Netflix etc)
- Improves quality for services provided by Destiny overthe-top



#### WHY PEER ANYWAY?

## **IMPROVED NETWORK PERFORMANCE**



- We can avoid bottlenecks on the network(s) of our transit partners
- Can also be a good, cost efficient alternative to direct
   Cloud Service Provider (CSP) connections for our customers (eg ExpressRoute)

## PATH DIVERSITY



- Having more paths to different destinations / CSPs leads to redundancy
- Also reduces the risk in case of DDOS attacks



## WHY BNIX?

Last blind spot of our Belgian internet backbone

Majority of our customers are based in Belgium

Marketing value towards Belgian customers and partners



## WHERE ARE WE AT?





















... and hopefully many more to come