



## Germany – Business Highlights

### Business IP Traffic

- In Germany, Business IP traffic will grow 2-fold from 2016 to 2021, a compound annual growth rate of 18%.
- In Germany, Business IP traffic will reach 913 Petabytes per month in 2021, the equivalent of 228 million DVDs per month, or 312,538 DVDs per hour.
- In Germany, Business IP traffic was 401 Petabytes per month in 2016, the equivalent of 100 million DVDs per month, or 137,458 DVDs per hour.
- Germany's Business IP traffic grew 5% in 2016.
- Germany's Business IP traffic was 19% of total IP traffic in 2016, and will be 15% of total IP traffic in 2021.

### Business Internet Traffic

- In Germany, Business Internet traffic will grow 2.6-fold from 2016 to 2021, a compound annual growth rate of 21%.
- In Germany, Business Internet traffic will reach 804 Petabytes per month in 2021, the equivalent of 201 million DVDs per month, or 275,479 DVDs per hour.
- In Germany, Business Internet traffic was 315 Petabytes per month in 2016, the equivalent of 79 million DVDs per month, or 107,744 DVDs per hour.
- Germany's Business Internet traffic was 15% of total IP traffic in 2016, and will be 14% of total IP traffic in 2021.
- Germany's Business Internet traffic was 78% of Business IP traffic in 2016, and will be 88% of Business IP traffic in 2021.
- In Germany, 6% of Business Internet traffic was mobile in 2016, and 12% of Business Internet traffic will be mobile in 2021.

### Business Fixed Internet Traffic

- In Germany, Business fixed Internet traffic will grow 2-fold from 2016 to 2021, a compound annual growth rate of 19%.
- In Germany, Business fixed Internet traffic will reach 704 Petabytes per month in 2021, the equivalent of 176 million DVDs per month, or 241,151 DVDs per hour.
- In Germany, Business fixed Internet traffic was 297 Petabytes per month in 2016, the equivalent of 74 million DVDs per month, or 101,756 DVDs per hour.
- Germany's Business fixed Internet traffic grew 6% in 2016.
- Germany's Business fixed Internet traffic was 14% of total IP traffic in 2016, and will be 12% of total IP traffic in 2021.
- Germany's Business fixed Internet traffic was 74% of Business IP traffic in 2016, and will be 77% of Business IP traffic in 2021.

### Business Mobile Traffic

- In Germany, Business mobile data traffic will grow 6-fold from 2016 to 2021, a compound annual growth rate of 42%.
- In Germany, Business mobile data traffic will reach 100 Petabytes per month in 2021, the equivalent of 25 million DVDs per month, or 34,328 DVDs per hour.
- In Germany, Business mobile data traffic was 17 Petabytes per month in 2016, the equivalent of 4 million DVDs per month, or 5,988 DVDs per hour.
- Germany's Business mobile data traffic grew 41% in 2016.
- Germany's Business mobile data traffic was 0.8% of total IP traffic in 2016, and will be 1.7% of total IP traffic in 2021.
- Germany's Business mobile data traffic was 4% of Business IP traffic in 2016, and will be 11% of Business IP traffic in 2021.
- Germany's Business mobile data traffic was 6% of Business Internet traffic in 2016, and will be 12% of Business Internet traffic in 2021.

### Business IP WAN Traffic

- In Germany, Business IP WAN traffic will grow 1-fold from 2016 to 2021, a compound annual growth rate of 5%.
- In Germany, Business IP WAN traffic will reach 108 Petabytes per month in 2021, the equivalent of 27 million DVDs per month, or 37,059 DVDs per hour.
- In Germany, Business IP WAN traffic was 87 Petabytes per month in 2016, the equivalent of 22 million DVDs per month, or 29,714 DVDs per hour.
- Germany's Business IP WAN traffic grew -3% in 2016.
- Germany's Business IP WAN traffic was 4% of total IP traffic in 2016, and will be 2% of total IP traffic in 2021.
- Germany's Business IP WAN traffic was 22% of Business IP traffic in 2016, and will be 12% of Business IP traffic in 2021.

### Business Internet Video Traffic

- In Germany, Business Internet video traffic will grow 3.8-fold from 2016 to 2021, a compound annual growth rate of 30%.
- In Germany, Business Internet video traffic will reach 594 Petabytes per month in 2021, the equivalent of 149 million DVDs per month, or 203,579 DVDs per hour.
- In Germany, Business Internet video traffic was 158 Petabytes per month in 2016, the equivalent of 39 million DVDs per month, or 54,035 DVDs per hour.
- Germany's Business Internet video traffic grew 26% in 2016.
- In Germany, Internet video will be 74% of all business Internet traffic in 2021, up from 50% in 2016.