ICT and Data Centers in the Czech Republic
Czech ICT Sector at a Glance

+ Long tradition of excellence in technical fields
+ Creative, innovative, experienced and skilled professionals
+ World renowned Czech IT companies, such as Avast, GoodData, Y-SOFT, Socialbakers
+ Developed IT infrastructure, robust fiber-optic network
+ Top cyber security companies
+ Start-ups & incubation centers
+ Financial support through EU funds and national investment incentives
Specialisation in Software and IT Services

- Czech Republic
- United Kingdom
- Slovakia
- Poland
- Hungary
- Austria
- Germany
- USA

ICT Expenditure (% GDP)

- Hungary
- Czech Republic
- United Kingdom
- USA
- Slovakia
- Poland
- Austria
- Germany

Source: fDi Benchmark, a service from the Financial Times Limited 2017
Czech ICT Sector in Numbers

- 35,000 ICT Companies
- 150,000 People employed in the sector
- 728 Billion CZK in revenues
- 33,222 University students & graduates in ICT programs
- 7,203
Average Connection Speed (IPv4, Mbps)

- **Czech Republic**: 15 Mbps
- **United Kingdom**: 10 Mbps
- **Lithuania**: 15 Mbps
- **Germany**: 10 Mbps
- **Hungary**: 10 Mbps
- **Austria**: 10 Mbps
- **Slovakia**: 10 Mbps
- **Poland**: 5 Mbps

10 Mbps Broadband Adoption (% of households)

- **United Kingdom**: 50%
- **Czech Republic**: 40%
- **Lithuania**: 40%
- **Hungary**: 40%
- **Germany**: 40%
- **Austria**: 40%
- **Poland**: 40%
- **Slovakia**: 40%

Source: Akamai, State of the Internet Report, 2016
<table>
<thead>
<tr>
<th>University of Economics, Prague</th>
<th>The University of West Bohemia Pízen</th>
<th>Tomas Bata University in Zlín</th>
<th>University of Hradec Kralove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students: 2,046</td>
<td>Students: 2,044</td>
<td>Students: 1,561</td>
<td>Students: 1,502</td>
</tr>
<tr>
<td>Graduates: 528</td>
<td>Graduates: 457</td>
<td>Graduates: 373</td>
<td>Graduates: 321</td>
</tr>
</tbody>
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Selected Universities with ICT Study Programs

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<thead>
<tr>
<th>University</th>
<th>Students</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brno University of Technology</td>
<td>6,252</td>
<td>1,496</td>
</tr>
<tr>
<td>Czech Technical University in Prague</td>
<td>5,665</td>
<td>1,157</td>
</tr>
<tr>
<td>VSB – Technical University in Ostrava</td>
<td>3,142</td>
<td>687</td>
</tr>
<tr>
<td>Masaryk University, Brno</td>
<td>2,143</td>
<td>487</td>
</tr>
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Source: Ministry of Education, Youth and Sport, 2016
Data Centers in the Czech Republic

Thanks to its stable, predictable and attractive environment for large-scale digital infrastructures, the Czech Republic ranks among the European Union countries that are excellent locations for digital business. The country offers a sufficient electricity grid infrastructure, fibre-optic network connected to major European peering nodes and a stable economy with a supportive regulatory environment.

Robust and Stable Electricity Grid Infrastructure

Competitive and Predictable Electricity Prices (EUR/kWh)

Source: ČEPS, 2016
Source: Eurostat, 2017; Electricity prices by types of user, EUR/kWh
Selected Data Centers

25%
Renewable energy sources by 2040

2.7x
Production of electricity from renewable sources compared to 2006

505 Gbps
Peak Speed at Prague IXP
Neutral Internet Exchange (NIX.CZ)
Czech Success Stories

“For IT companies, The Czech Republic is a great place to do business. Czech engineers and developers are known to be on the forefront of innovation and the region is very friendly to foreign investments. Founded in Prague in 1988, it is only thanks to our employees that Avast managed to grow from a family company to a global leader in digital security.”

Ondrej Vlcek, CTO, Avast

“Seznam.cz is the largest online media company in the Czech Republic. Providing more than 20 web services like search, news or entertainment. Founded in 1996 as one-man show in a garage, it grew into a company with more than 1200 employees reaching about 90% of the Czech on-line population and a yearly profit of about one million Euros. Europe can be a strong player in a digital industry, it has plenty of successful digital companies. Seznam.cz is a good example of them.”

Michal Feix, the CEO of Seznam.cz

“GoodData has been developing its products in the Czech Republic for almost 10 years. Our prior companies NetBeans and Systinet as well as the companies that acquired them have been using the same model since 2000. Czech Republic is great place for attracting talented engineers, both Czech natives and people from Eastern Europe and Russia too. GoodData has offices in Prague as well in Brno where we are considering significant expansion.”

Zdenek Svoboda, Vice President, GoodData
Investment Success Stories

“Red Hat’s activity in Brno started in 2004. After 12 years the company employs 900 people and more than 100 students get their first professional experience with them. Red Hat Czech has become the largest engineering facility in the world and an employer of choice for people who want to work and live Open Source way. The Brno entity has got many internal and external awards including Best Engineering Site, Best Employers in the Czech Republic.”

Radovan Musil, Red Hat, Director Software Engineering

„Prague was chosen from several other considered locations mainly because of accessibility to human resources from the field of IT and science and well-functioning education system that trains those specialists. The MSD IT Hub offers opportunities for prospective employment and career development not just for a wide range of IT experts, data analysts and project managers, but also for new graduates who could start to work in a global pharmaceutical company that is a leader in the novel application of progressive technology to the field of healthcare.”

John R. Westby, Associate Vice President, Global Support Functions IT at MSD

„IBM Watson has picked Prague to expand its activities in AI research and engineering. We did so because Czech Republic is a great source of AI scientific talent, is known for the culture of team work and open-mindedness, and has very strategic location in the center of Europe. And yes, the word ROBOT was invented in CZ as well :-)

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To be opened

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