




# RED HAT OPENSTACK PLATFORM CUSTOMER SUCCESS IN THE TELCO INDUSTRY

3-IN-1 SNAPSHOT

			
<b>COMPANY</b>	Verizon	Turkcell	Sprint
<b>GEOGRAPHY</b>	USA	Turkey	USA
<b>SOLUTIONS</b>	<ul style="list-style-type: none"> <li>• Red Hat® OpenStack® Platform</li> <li>• Red Hat Ceph Storage</li> </ul>	<ul style="list-style-type: none"> <li>• Red Hat OpenStack Platform</li> <li>• Red Hat Enterprise Linux®</li> <li>• Red Hat Consulting</li> <li>• Red Hat Training and Certification</li> </ul>	<ul style="list-style-type: none"> <li>• Red Hat OpenStack Platform</li> <li>• Red Hat Enterprise Linux</li> <li>• Red Hat CloudForms</li> <li>• Red Hat Ansible® Tower</li> </ul>
<b>SUCCESS SUMMARY</b>	Verizon needed a cloud platform to provide the hyperscale capabilities and flexibility necessary to meet the company's complex network requirements. Verizon worked with Big Switch Networks, Dell, and Red Hat to develop an OpenStack pod-based design, completing the industry's largest-known network functions virtualization (NFV) OpenStack cloud deployment across U.S. datacenters.	Mobile service provider Turkcell needed a more flexible, scalable platform to meet the demands of its consumer cloud storage product. The company deployed Red Hat OpenStack Platform with OpenStack Swift for data storage. Turkcell can now deploy new features faster and scale to accommodate growth—while reducing costs.	Sprint is moving to NFV for a more efficient business model. The IT team is working to virtualize the NFV platform so that it can be pushed to all datacenters, making it on-demand and always available for users. As a result, Sprint is implementing 30 Red Hat OpenStack Platform deployments for voice over long-term evolution (VoLTE) and other network functions. Red Hat Ansible Tower automates the NFV strategy through Ansible Playbooks.
<b>BENEFITS</b>	<ul style="list-style-type: none"> <li>• Deployed more than 50 racks in five production datacenters in less than nine months</li> <li>• Resiliency at scale and with no bandwidth bottlenecks</li> <li>• Reduced operational complexity</li> </ul>	<ul style="list-style-type: none"> <li>• Increased scalability and agility</li> <li>• Improved reliability and stability with simplified management</li> <li>• Reduced total cost of ownership (TCO)</li> </ul>	<ul style="list-style-type: none"> <li>• Increased scalability and flexibility for spikes in network demand</li> <li>• Improved integration for greater network throughput</li> <li>• Faster advancement of NFV strategy through automation</li> </ul>
<b>TESTIMONIAL</b>	<p><i>"We consider this achievement to be foundational for building the Verizon cloud that serves our customers' needs anywhere, anytime, any app."</i></p> <p>- ADAM KOEPE VICE PRESIDENT, NETWORK TECHNOLOGY PLANNING, VERIZON</p>	<p><i>"Red Hat is one of the pioneers in the OpenStack community, and we wanted to benefit from that experience and knowledge."</i></p> <p>- ORHAN BIYIKLIOĞLU SENIOR SYSTEMS ADMINISTRATOR, TURKCELL</p>	<p><i>"NFV is the future of what we will be doing as an organization, and as a telco. [With Red Hat solutions,] we can move [resources] in the locations that we need to, and that's the innovation we absolutely have to have."</i></p> <p>- JOHN FELTON VICE PRESIDENT OF I.T. APPLICATIONS, SPRINT</p>

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