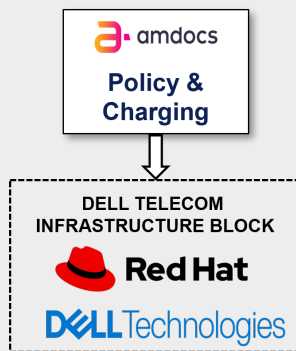


Building on Dell's Telecom Infrastructure Blocks: Amdocs Policy and Charging Control

Dell Infrastructure Blocks for Red Hat are now available with Amdocs Policy and Charging Control (PCC) in a pre-integrated solution designed to accelerate 5G service creation and monetization.

Accelerate your time to revenue for 5G services.

Infrastructure Blocks for Red Hat + Amdocs Policy and Charging Control



Dell Technologies and Amdocs have worked together to certify the Amdocs Policy and Charging Control function on the Dell Technologies Infrastructure Blocks for Red Hat in Dell's Open Telecom Ecosystem Lab. This new solution will accelerate your path to monetizing new 5G services. Key benefits of the certified solution include:

- Release profitable 5G services sooner.
- Differentiate your 5G offerings in the market.
- Reduce the cost and risk of network transformation.
- Build a best-of-breed 5G network on open standards.

Delivering on the promise of 5G

Building a telecommunications cloud network is a big step, but a necessary one for communications service providers (CSPs) as they look to deliver 5G services and beyond. Dell Technologies Infrastructure Blocks make it easier than ever before for CSPs to reach that step using pre-integrated, pre-packaged blocks of hardware and software that provide an open, scalable foundation for 5G cloud networks. You can think of them as building blocks to the 5G cloud future.

But what happens when you want to build capabilities on top of those building blocks? Dell has you covered with partner-powered offerings that extend the capabilities of our Infrastructure Blocks to support solutions from the industry's leading vendors. For example, consider network policy and charging. If Infrastructure Blocks are the legs of your network that help you stand up a cloud network and move forward, then policy and charging are the brains and treasury of your network, respectively. As a pre-engineered system, inclusive of Dell Infrastructure Automation Software, Dell PowerEdge servers and Red Hat® OpenShift® container platform, Infrastructure Blocks are a natural fit for Amdocs Policy and Charging Control (PCC), an established leader in 5G policy and charging.



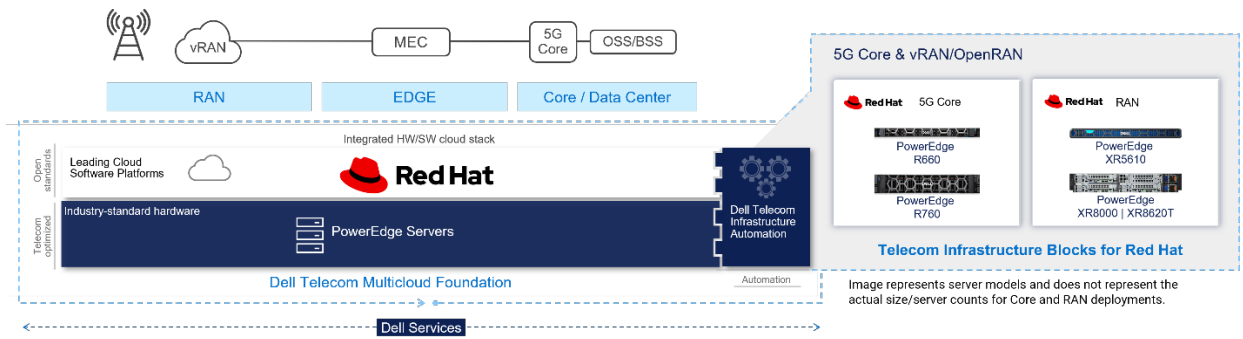


Figure 1: Dell Telecom Multicloud Foundation and Telecom Infrastructure Blocks for Red Hat

5G is about much more than faster speeds and bigger bandwidth. It’s about delivering differentiated experiences across various services and devices, from real-time video conferences to online VR games. To provide this nuanced quality of experience, CSPs need a network policy framework—specifically, a policy control function for 5G—that can interface with various components of the 5G network core while still supporting legacy (3G, 4G) network elements. At the same time, CSPs need to monetize and manage these experiences through an integrated billing and charging system.

However, integrating policy and charging functions into a 5G network is easier said than done. CSPs often work with multiple industry partners to build end-to-end solutions, including hardware infrastructure, cloud stack, and workload partners. Then, they need to build, test, deploy, and ensure the lifecycle management of these solutions with their partners to validate that the solutions work and meet performance requirements. This process is complex, time-consuming, and costly. The barriers of complexity, cost, and resource consumption are removed by certifying the Amdocs PCC solution with Dell Telecom Infrastructure Blocks featuring Red Hat. Everything works out of the box(es), and CSPs gain the network intelligence, muscle, and monetization tools they need to move forward.

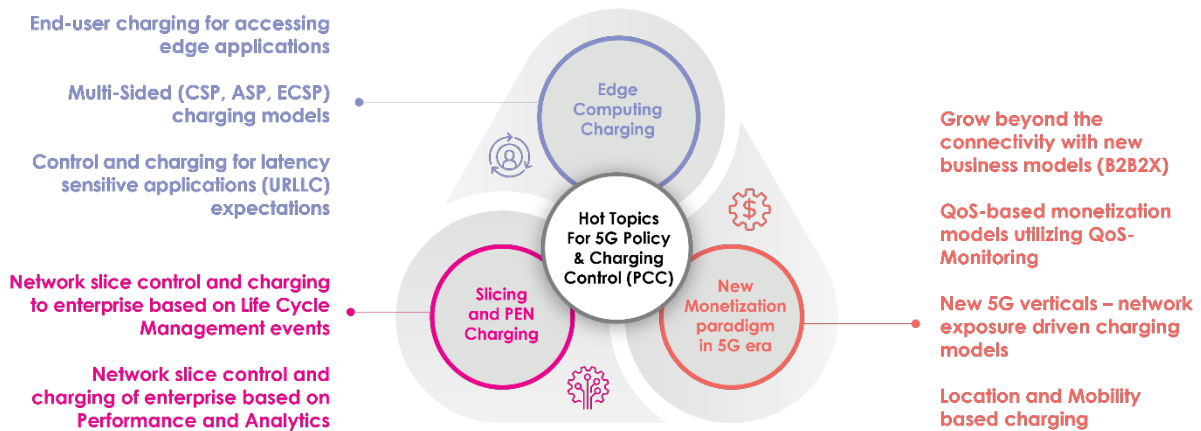


Figure 2 Industry-driven Policy and Charging Control (PCC) evolution.

CSPs need a flexible, future-proof charging solution to monetize 5G services effectively and realize their network investment return. Amdocs PCC delivers a consolidated, fully flexible charging system built to handle the rapidly evolving 5G services landscape and beyond. It supports various services, including prepaid and postpaid, consumer and enterprise, and fixed and mobile services. Amdocs PCC is microservices-based, fully cloud-native, and can be deployed in a public, private, or hybrid cloud environment to support the scale and diversity of future services.

Amdocs PCC's policy function is a next generation 5G policy manager. As the network's "brain," it manages the "who, what, when, where, and how" of network feature access and controls 5G capabilities such as network slicing and edge resource handling, enabling CSPs to both monetize existing services and create new, revenue-generating services around new market opportunities such as enterprise verticals and the Internet of Things (IoT). Using 5G policy intelligence, CSPs can now take center stage in the 5G value chain as they develop new offers where 5G network features—e.g., latency, speed, coverage, capacity, density—become central elements of the 5G offer and customer experience.

This joint solution from Dell, Red Hat, and Amdocs is the latest addition to our evolving telecommunications solution portfolio. Telecom Infrastructure Blocks for Red Hat are engineered systems integrated in Dell's factory. They include automation software to streamline the design, procurement, and deployment of 5G telco cloud networks. Infrastructure Blocks include all the hardware, software, and automation needed to build and scale out a telco cloud, an ideal platform for running workloads such as the Amdocs PCC solution.

Dell Technologies Infrastructure Blocks provide the essential building blocks for designing, deploying, and managing the lifecycle of the telecom cloud stack that supports 5G core and OSS/BSS workloads. They feature Dell PowerEdge servers, including fourth-generation Intel® Xeon® scalable processors, and are available in various configuration and network interface card options to meet customized workload needs. This helps CSPs accelerate the time to value for new 5G investments while reducing costs, improving the customer experience, supporting new revenue opportunities, and, ultimately, enhancing their ability to compete.

The Certification for Amdocs Policy and Charging Control on Dell Telecom Infrastructure Blocks for Red Hat are available today, so don't delay. Contact your Dell Technologies or Amdocs representative for more information.

The benefits of building blocks

Building a 5G cloud network involves many steps. Now, you can take a smarter approach with Dell Infrastructure Blocks for Red Hat, featuring Amdocs Policy and Charging Control. It's a pre-integrated, pre-validated solution featuring Dell telco-grade hardware and the Red Hat OpenShift container platform.

Building your 5G policy and charging solution with Amdocs PCC and Infrastructure Blocks delivers a host of benefits:

- Accelerate 5G deployments and revenue streams with advanced charging and policy intelligence built into the box.
- Take advantage of Amdocs PCC features such as support for network slicing and edge resource control and monetization to provide differentiation and advanced new your services in the market.
- Further supported by Amdocs strength in telco integrations experience beyond PCC to provide cloud transformation enablement for network and OSS/BSS.
- Reduce the risk of your cloud transformation with pre-integrated, pre-certified, and pre-validated solutions configured around your unique network requirements.
- Go to market with a best-in-class solution delivered by a single vendor, Dell, for simpler lifecycle management.



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