



Driving growth through excellence

# RaptrDXP™ from Knot Solutions

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Rapidly migrate, extend, and modernize with our cloud-native out-of-the-box comprehensive BSS digital stack to quickly scale business and go-to-market operations.

It's turbulent times for the telco industry. Faced with customer-driven expectations around new digital engagement models like OTT streaming service, connected vehicles with real-time data insights, to new-age tech-driven business entrants that leverage AI, Big data, IoT for product innovation, service, and delivery, Telcos have realized speed, innovation, and scale to launch new customer-centric is critical.

Communications service providers will need to reinvent their approach and IT infrastructure to address and monetize various products, business models, and market segments. This would involve digital building capabilities around the core and edge, enabling a seamless digital customer journey across touchpoints, process automation to help new business monetization models, and driving cost efficiencies across the business chain.

With the roll-out of 5G services, CSPs will look to agility and capabilities from their BSS stack to support go-to-market initiatives aligned to new industry partners and newer business models for revenue growth. Solution providers like Knot solutions offer real-time flexibility with their cloud BSS offerings to quickly get their business operations up and running to leverage new monetization opportunities and meet customer expectations to deliver new services.



## Discover RaptrDXP™: Industry-leading cloud SaaS BSS platform

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RaptrDXP™ (Raptr Digital Experience Platform), a cloud-native BSS SaaS offering built on microservices architecture, offers quick deployment cycles to deliver business-ready digital solutions to help MVNOs and small CSPs quickly reach efficiencies of scale by leveraging out-of-the-box BSS modules and functionality to support all its growing business and operational needs seamlessly.

Available as a SaaS offering for both private and public cloud, the multi-tenant platform comes with out-of-the-box functionalities for a complete digital journey from acquisition to fulfilment. The comprehensive stack includes an Omni-channel engagement, Customer and Partner management, Service activation, real-time rating and charging, Billing, Revenue, and Order management for both large operators looking to centralize operations and emerging. New players can leverage the rich functionality at a relatively low cost.



## RaptrDXP™: Built with Democratization for market agility and transformation

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With RaptrDXP™, CSPs can now quickly adapt and launch new business initiatives to leverage opportunities arising out of both core and edge at much lower costs with its cloud-native, end-to-end BSS ready-to-deploy solutions that is scalable, modular, and come with pre-built/easy to configure business process workflows aligned to your business lines.

The cloud offering brings a high level of orchestration and process automation to successfully support your challenging needs towards unlocking newer business models and revenue opportunities. The platform built on a micro-service architecture is easily configurable and supports all your multi-tenant, multi-currency operations across telecom market offerings. CSPs and MVNOs can now quickly leverage the power of RaptrDXP™ to deliver a truly transformational CX and monetization ability for a 5G world that promises more revenue streams.

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**Cloud-Native, Microservices Based, Modular. Future Ready.**

The platform is inherently cloud-native and built on a micro-based architecture. It is extensible, making it future-ready for the new business processes associated with the services like IoT and 5g

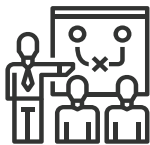
**Multi-Tenant Online Solution on Cloud – easy and fast implementation.**

The platform is, by design, multi-tenant for both data and business processes. Each tenant has its data, secure and visible only to itself, and it tenant can have its processes configured through the BPM engine.

2



3



**Highly Configurable – templates and business processes for tenants.**

The design philosophy of the platform is the configuration as opposed to customization. It provides the capability to configure a tenant's data elements through templates, rules, and configurable business processes.

**Configurable business processes with BPM.**

The BPM engine provides the platform with the capability to configure business processes as per the needs of a tenant. A tenant can either use the out-of-the-box business processes of the platform or use the BPM engine to configure business processes as per its requirements.

4



5



**Horizontally scalable with Kubernetes clusters.**

The platform is deployed on AWS as PODs in Kubernetes clusters. This gives the platform the capability to scale horizontally as per the system's load, which also enables its availability.



# Full-stack BSS enterprise-ready solutions

RaptrDXP™ provides CSPs and MVNOs a comprehensive end-to-end portfolio on a multi-tenant SaaS platform, with quick and easy configurable processes for retail and enterprise customers to quickly scale operations with low-cost migration to the cloud.

With RaptrDXP™, CSPs and MVNOs can now leverage the power of a fully pre-configured, power-packed BSS functionality on the cloud for a unified customer 360-degree view, improved productivity at lower costs, better CX, and an improved TCO as you scale operations for growth.



Further, RaptrDXP™ has a flexible architecture that offers flexibility and interoperability. Leveraging RaptrDXP™, CSPs and MVNOs can transform successfully into a digital, future, and network-ready environment without legacy challenges and implementation delays. Thus, it delivers business and innovation agility for operators and enables them to successfully expand new lines of businesses.

Talk to us to know more about how you can leverage your BSS operations on the cloud with RaptrDXP™.



## About Knot Solutions

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Knot Solutions is an industry leader with proven expertise in providing SI & full-stack enterprise Digital Business Support Systems (BSS) for Telecommunications Service Providers (TSP) across global markets. Today, Knot Solutions, through a combination of consulting, products, solutions, and services, delivers large-scale digital transformation solutions to help TSP majors increase revenue streams at lower costs and better efficiencies. We have been helping Teleco majors globally for the past 16 years, serving multiple clients across 7 countries with a direct presence in 3 international locations.



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