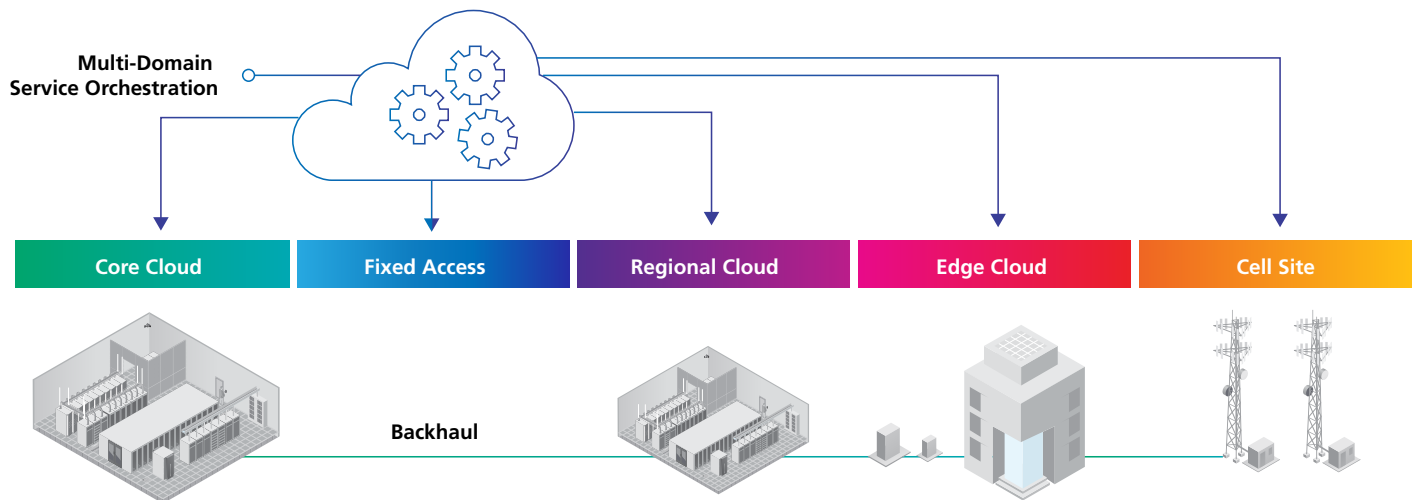**Professional Services**
DATA SHEET

Service Summary

- Consultation, planning and definition
- Development and customization
- System integration
- Testing and deployment
- Lifecycle management

Multi-Domain Service Orchestration

Streamlining service activation and enhancing service agility

Multi-Domain Service Orchestration

| Core Cloud | Fixed Access | Regional Cloud | Edge Cloud | Cell Site |

Backhaul

Services Overview

The industry is undergoing a digital transformation where software applications/services are assuming the roles of traditional proprietary hardware. Virtualization, cloud and containerization technologies are allowing for these services to migrate from a proprietary platform to a public and/or private cloud using commodity hardware. Software Defined Networking (SDN) and Network Function Virtualization (NFV) technologies are helping to create a next generation "network as a service" (NaaS) platform. These technologies are further fostering advancements in Orchestration and Automation technologies which are enabling a paradigm shift to a self service ecosystem. In this ecosystem service agility and service assurance are the key outcomes desired by service providers.

Service providers are exploring this shift to digital transformation to meet their demands of increasing revenue while reducing costs. In order to prepare for this transformation, service providers must reexamine their existing business workflows, policies, their existing infrastructure domains, and the processes and technologies that are in place to enable or modify new or existing services respectively. This top down approach must be an iterative approach. This approach allows service providers to make better use of their existing investments in infrastructure and technologies today but also allows them to future proof for tomorrow.

CommScope services for Multi-Domain Service Orchestration offer communications service providers cloud-native software development and integration support to streamline service activation and enhance service agility.

CommScope Software Solution Services leverage cloud-native & DevOps-based software development principles along with best of breed and leading edge technologies and platforms for Orchestration and Automation including ONAP and Open Daylight. CommScope is committed to collaboration using open source and open standards. We are members of the Linux Foundation community that helps us enable our customers to benefit from the latest open source technologies. We are committed to building an open solution that frees operators from the complexities of their own infrastructures.

CommScope Software Solution Services has a global presence that allows us to partner with our clients to bring automation, Multi-Domain Service Orchestration and management and control solutions from discovery to production. Our experienced team offers a full suite of services including consulting, design, program/project management, integration, implementation, testing and lifecycle management. We define service and resource models, design business workflows and policies which can then be orchestrated across various domain controllers managing physical, hybrid and virtual elements.

Multi-Domain Service Orchestration business outcomes for service providers include:

- **DYNAMIC SERVICE CREATION**—Initiating new revenues, quickly.
- **REDUCED COST**—Specialized, multi-vendor, proprietary and fragmented network elements that require special knowledge and multiple touches are replaced by a single, automated system.
- **EFFICIENT RESOURCE UTILIZATION**—Resources can be freed up and available for other purposes rather than permanently dedicated to one.
- **TIME TO MARKET**—A single, automated system allows new or changed services to be established quickly.
- **CUSTOMIZATION**—Ability to provide cost effective, customized solutions for customers.
- **SCALABILITY**—Ability to dynamically scale to address customer demands.
- **CUSTOMER SATISFACTION** – Agility of service delivery provides a better customer experience – retaining and gaining new customers.

Our service pillars include planning, design, implementation and operation, resulting in more accuracy and reduced cost through automation and improved customer satisfaction.

Phase	Description	Phase	Description
Plan	• Discovery of provider infrastructures • Identification of impacts on business operations • Identification of integration points • Definition of customer experience and lifecyle • Use case definitions, and scenario-based walk throughs	Implement	• Service and resource modelling • Service lifecycle management • Workflow and policy • Domain controller integration • Open API
Design	• Design time consultancy • Design for migration from existing workflow	Operate	• Software support • 24/7 operations support

Why CommScope?

CommScope Professional Services' software engineering team has extensive experience—specific to the service provider industry—with projects successfully delivered for fixed broadband & video networks and wireless operators. Turn to CommScope for standalone software development and integration capabilities in the areas of Multi-Domain Service Orchestration, Virtualization & Cloud Migration, Business Process Workflow Automation, Android TV and edge network integration. As a master Systems Integrator, CommScope also calls on this software development team to deliver tools and modules as part of complex solution integration projects.

MORE INFORMATION: Contact ProServicesMarketing@CommScope.com or your local account manager for more information.

CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com

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