

## INFOBRIEF

# DevOps Toolkit

## Gaining Control to Accelerate Service Delivery

### Reduce the Need for Rigid, Costly Professional Services

In most organizations, developing and deploying services remains a rigid, time-consuming, and inefficient process that depends heavily on vendor-controlled back-office software systems. The process typically requires manually updating these monolithic and 'hard-coded' software platforms—almost always with help from costly professional services—which lengthens service delivery cycles and increases costs while decreasing competitiveness. The Blue Planet DevOps Toolkit turns over the 'keys' for the network to the operator, giving Blue Planet customers greater control over their infrastructure and operational agility, ultimately enabling them to deliver new on-demand, virtualized services more quickly to meet today's business challenges.

### Give Network Operators Control of Infrastructure and Services

The Blue Planet DevOps Toolkit helps operators take control of network operations and service delivery. Customers may use the toolkit to extend and enrich the management and orchestration of a wide range of physical and virtual network components and devices. For example, with the toolkit customers can use in-house personnel to quickly onboard network resources such as Virtual Network Functions (VNFs), routing equipment, or network domains, and use these new resources to automate and accelerate the delivery of new services.

### Why DevOps Makes Sense

Internet Content Providers (ICPs) are rapidly innovating to deliver new communications services. Traditional service

### Features and Benefits

- Gives operators self-service control over networks and services, allowing them to incorporate new technologies, networking equipment, and VNFs onto the Blue Planet platform
- Uses in-house personnel, rather than expensive professional services, to integrate network resources and develop new services
- Helps network operators successfully migrate away from static, individualized processes to more collaborative DevOps tools and techniques to optimize revenue, cost savings, and customer satisfaction
- Enables operators to quickly adapt network services to changes in market demands so they can improve service quality and address diverse and ever-changing customer requirements
- Transforms current operations by bringing multiple corporate functions together to collaborate on the delivery of new services quickly, easily, and with more targeted functionality

Bringing DevOps to Service  
Provider Networks  
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