M1 Deploys F5® Traffix™ Signaling Delivery Controller™ to Optimize LTE Roaming Services and Mobility Management

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F5 Diameter signaling management assists Singapore's pioneer in LTE to provide high quality LTE services through simplified network control

SINGAPORE--(BUSINESS WIRE)-- F5 Networks, Inc. (NASDAQ: FFIV) today announced that M1 Limited (M1), a leading full-service provider of mobile and fixed communications services in Singapore, has deployed the F5® Traffix™ Signaling Delivery Controller™ (SDC™) Diameter solution to optimize mobility management in its LTE home network and provide high quality LTE roaming services.

"M1 is the first operator in Southeast Asia to offer nationwide 4G in Singapore, and we are committed to delivering a high quality 4G experience to customers using our network in the country and when they travel overseas," said Patrick Scodeller, Chief Operating Officer at M1. "To achieve that goal, we selected the F5 Traffix Signaling Delivery Controller as a Diameter Edge Agent (DEA) to enable simple and seamless integration between our network and IPX carriers, and as a Diameter Routing Agent (DRA) for consistent network reliability and tight control."

"With the F5 Traffix SDC located both in the core and at the edge, M1's network is secure and protected by normalizing the flow of signaling messages, preventing failover or many other situations that could negatively impact performance," said Ben Volkow, VP, Product Development at F5. "Our Diameter-based SDC has proved itself in more than 30 installations with leading operators across the globe, enabling them to maintain top network performance despite LTE's demanding traffic levels. LTE requires operators to take a renewed approach in designing their network architecture due to the many challenges associated with the surge in data and signaling traffic, and M1 can be commended in its early understanding of the critical need for Diameter signaling management solutions."

Other key operator benefits that influenced M1 to select the F5 Traffix SDC include its ability to:

- Receive detailed information in each network transaction – Component-based tracing provides greater visibility of the control plane at a granular level. Operators gain information on subscribers and network operations, including troubleshooting insight to prevent service disruptions.

- Enable heterogeneous environments – Disparate components can work together efficiently and with greater flexibility in the network through message normalization of AVPs.
- Maintain one central address – An Element Management System (EMS) provides a wide range of reporting and control capabilities.

The F5 Traffix SDC assists communications service providers in scaling and managing their networks, as well as enabling LTE services and applications, to support up to hundreds of millions of subscribers. On one platform, the SDC solution offers intelligent context-aware Diameter

routing, load balancing, and gateway connectivity to legacy network nodes. This enables a smooth and cost-effective rollout of LTE speeds and services, resulting in an enhanced customer experience.

About M1 Limited

M1 is Singapore's most vibrant and dynamic communications company, providing mobile and fixed services to over 2 million customers. Established in 1997, M1 achieved many firsts, including the first operator to offer nationwide 4G service, as well as ultra high-speed fixed broadband, fixed voice and other services on the Next Generation Nationwide Broadband Network (NGNBN). With a continual focus on network quality, customer service, value and innovation, M1 links anyone and anything; anytime, anywhere. For more information, visit www.m1.com.sg.

About F5 Networks

F5 Networks (NASDAQ: FFIV) makes the connected world run better. F5 helps organizations meet the demands and embrace the opportunities that come with the relentless growth of voice, data, and video traffic, mobile workers, and applications—in the data center, the network, and the cloud. The world's largest businesses, service providers, government entities, and consumer brands rely on F5's intelligent services framework to deliver and protect their applications and services while ensuring people stay connected. Learn more at www.f5.com.

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