

10/08

**INDUSTRY**

Danger, Inc. is a privately held software company that is revolutionizing the mobile Internet for connected consumers. Danger provides wireless carriers with an innovative end-to-end solution that includes application software and infrastructure that supports Danger-powered devices such as the T-Mobile Sidekick® and hiptop®. Danger's award-winning products continue to capture the imagination of wireless consumers through their style, and ease-of-use in various countries around the globe. By leveraging the processing power of servers in the network, Danger's mobile internet platform enables operators to market affordable handsets that deliver an unparalleled user experience. Danger has expanded its reach in the telecommunications market by adding four new operator partners in Europe since May of 2005.

**Mobile Communications Company Discovers
Secure and Stable Communications Platform in CommuniGate Pro****CHALLENGE**

When Danger announced their first commercial launch in 2002, they were looking at a number of requirements. They needed a communications platform that would prove to be well suited to process large volumes of email traffic. Since Danger's products are shipped around the world, it was also necessary for them to choose a solution that would work across a wide-variety of operating systems, both mobile and stationary. At the same time, they also wanted to offer consumers service level agreements, which made it imperative that they select a partner with a secure, reliable and innovative solution that would keep up with industry demands and standards.

SOLUTION

CommuniGate Pro has been Danger's only email solution since their first commercial launch in 2002. With CommuniGate Pro's high performance and scalability and the fact that it is clustered for "just add nodes growth", they have been able to support their growing number of accounts both in the United States and across Europe. Clay Swartz, Sr. Director of Service Operations at Danger, feels that since 2002 "CommuniGate Pro has met our needs very nicely. It's an element of our service that, simply put, maintains itself quite well. Danger has grown rapidly and smoothly, thanks in part to CommuniGate Pro." All Danger subscribers benefit from the CommuniGate Pro Dynamic Clustering capability for high availability and ease of expansion for their email needs, which is crucial to Danger's business model.

SYSTEM ARCHITECTURE

Danger runs their CommuniGate Pro Dynamic Cluster across twelve frontend and twelve backend servers. The hardware maintained by Danger includes customized machines from Rackable Systems, all containing Quad Opteron processing units, 4GB each of RAM, and mirrored (hardware raid1) SCSI hard drives. Their data is stored across a series of Network Appliance 980c (clustered) disk-system filers.

BENEFITS

Danger has been extremely pleased with the performance and high availability of the CommuniGate Pro server software and support. According to Swartz, "The stability of the product has been great, and it has handled our volume of business both efficiently and economically to date. We have added frontends and backends to the Dynamic Cluster Core as needed based on the growth of our user base. It has been seamless to add these nodes to our cluster and performance has never suffered." Danger takes full advantage of CommuniGate Pro's IMAP and inbound/outbound SMTP capabilities. They deploy CommuniGate Pro's Dynamic Clustering to balance the work load between eight different servers. With the Dynamic Cluster not only can they add nodes at any given time, but can also take down any nodes for service without any performance degradation.

Over the last 4 years, because of CommuniGate Pro's reliability, they have had a minimum number of calls with the support team at CommuniGate Systems. Swartz adds, "CommuniGate Pro has never let us down. Every aspect and element has been easy to administer, and, overall, CommuniGate Pro has required little to no effort to set-up and maintain." However, they are always happy to know that a very knowledgeable support staff is only a phone call away.



Headquarters
655 Redwood Highway, Suite 275
Mill Valley, CA 94941
USA
US Tel: 800 262 4722
sales@comtmunigate.com

Europe
Kreitstr. 5
86926 Greifenberg/Munich
Germany
Tel: +49 8192 99733 0
europe@communigate.com

Russia
Ul. Vavilova, 5 corpus 3, Office 216
Moscow 117334
Russia
Tel: +7-095-720-3096
russia@communigate.com

Japan
1-2-8 Ikego
Zushi 249-0003 Kanagawa Pref.
Japan
Tel: +81-46-872-4950
japan@communigate.com