"We are doing a pull transactional replication from our SQL Server in China to San Diego. I did two tests comprised of about 1.2 millions commands each. I was very impressed with the results (average numbers below).

Metric Nitro	Without Nitro	With Nitro
Cmds/Sec	166	9000
Packets/Sec Sent	40	300
Replication Time(min)	110	5

"NitroAccelerator cut down our replication time by hours. The compression rate we achieved was 85%."
-Tai Le, Qualcomm

Company profile
Qualcomm is a world leader in next generation wireless technologies with over 11,000 patents and $10 billion in revenue.

Technical situation
Qualcomm is using SQL Server to replicate data between San Diego and China using pull transactional replication. The replication over the WAN simply was not able to keep up.

Solution
Qualcomm tested NitroAccelerator using 1.2 million commands replicated between San Diego and China. With NitroAccelerator the commands per second shot up from 166 to 9000 per second and the time to replicate fell to just 5 minutes from 110 minutes.

They now have NitroAccelerator in place between the two sites allowing them to achieve real-time replication and to easily keep up with increases in production in China. Currently they are pushing over a terabyte of data per month between the two sites.