

Scalable & Granular Security **Inside** the Data Center

NIC-Based Hardware Server Firewalls

Old Model

Building locked and monitored.
Once inside building, no activity monitored.
Employees, managers and janitors have keys to offices (servers).
If discovered, unauthorized entry discovered after the fact.

New Model

Building locked and monitored.
All activity monitored for every office (server).
Only Security has access to office locks.
Alerts generated when abnormal activity occurs.



With millions of servers inside their data centers, hyperscale cloud service providers need a security solution they can trust, that is affordable, and which can scale. The answer for major cloud service providers like Google is to instrument thousands of servers with their own security chips delivering line-speed packet inspection, that cannot be hacked with root access to the server OS, and which allow network engineers to define application-specific firewall policies down to a single server. Solarflare brings server firewalls to the masses with SolarSecure, a NIC-based security application. SolarSecure represents a trend which will soon be a best practice for Enterprise IT: fast, cost-effective, scalable and trusted NIC-based server firewalls on every server.

