### **CONFIDENTIAL STRAP1**

# Limited Purpose machines

## **INTEGRAND**

NSA/IBM joint development: "Cyclops". Massively parallel: 180,000 cores ~30 x Daytona Beach compute power Power of SPD, but programmed in C. Suitable for wide range of tasks. Memory restriction: few MB per core.



#### **Madison Avenue**

**DETROIT CITY**: Front-end. Similar to Paris Dakar. June 08.

MADISON AVENUE: Back-end compute, currently 800 cores.

Ramp-up: July 10: 2,000 cores

Dec 10: 45,000 cores

Apr 11: 180,000 cores

## PTD "We penetrate targets' defences."

