



## Company History

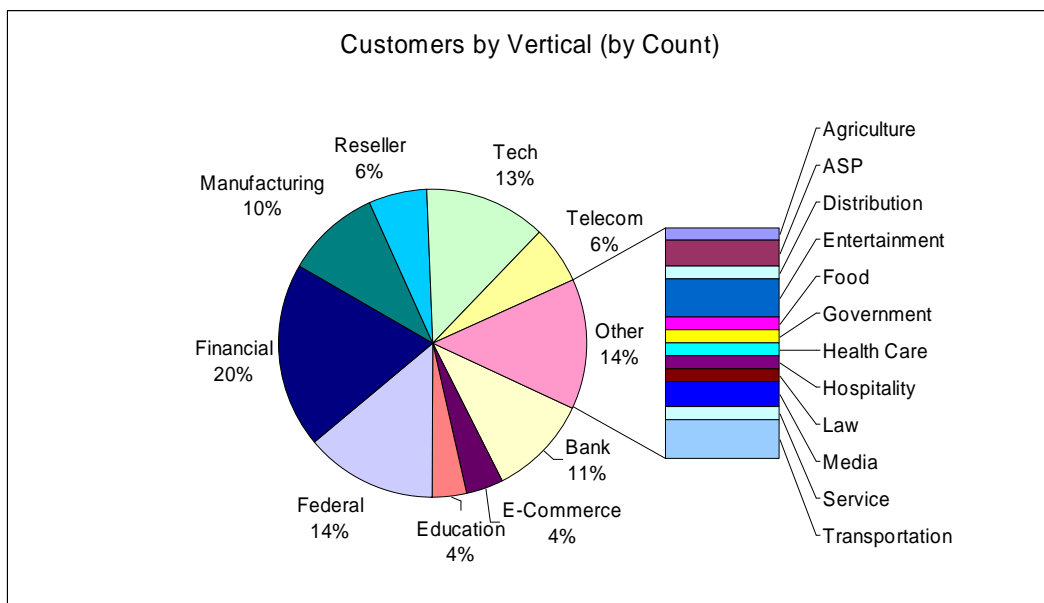
Since 1978, Texas Memory Systems (TMS) has specialised in high bandwidth, low latency, I/O-intensive storage systems. While the primary feature of our products has always been high performance, we achieve this performance without resorting to overly complex circuitry or unwieldy protocols. This emphasis on simplicity allows Texas Memory Systems to deliver outstanding performance using mature technologies and readily available off-the-shelf components.

Texas Memory Systems originally designed systems to meet the needs of the US defence industry, a primary customer throughout our 29-year history. This market has always demanded the ultimate in performance, and Texas Memory Systems has always delivered it. Texas Memory Systems now brings its expertise to the commercial SAN market. The RamSan product line delivers a level of performance previously unavailable in a commercial storage product.

In addition to storage products, TMS also specialises in high performance digital signal processors (DSPs).

## Main Markets

Our solid state disk customers are widely diversified as shown in the following graphic:



## RAM-Based Systems



| <u>Feature</u>     | <u>RamSan-300</u>    | <u>RamSan-400</u>    | <u>Tera-RamSan</u>    |
|--------------------|----------------------|----------------------|-----------------------|
| Size               | 3U x 16"             | 3U x 25"             | 24U x 25"             |
| Latency            | 15 microsecond       | 15 microsecond       | 15 microsecond        |
| Capacity           | 16 to 32GB           | 32 to 128GB          | 1TB +                 |
| <b>Bandwidth</b>   | <b>1.5GB/sec</b>     | <b>3GB/sec</b>       | <b>24GB/sec</b>       |
| <b>Random IOPS</b> | <b>200,000</b>       | <b>400,000</b>       | <b>3.2 Million</b>    |
| Interface          | 2/4-Gbit FC or 4x IB | 2/4-Gbit FC or 4x IB | 2/4-Gbit FC or 4x IB  |
| Ports              | 2 to 4 (1 to 2 IB)   | 2 to 8 (1 to 4 IB)   | 16 to 64 (8 to 32 IB) |
| LUN Mapping        | Up to 1,024 LUNs     | Up to 64 LUNs        | 8 to 512 LUNs         |
| LUN Masking        | Yes                  | Yes                  | Yes                   |
| Non-Volatile       | Yes                  | Yes                  | Yes                   |
| Error Protection   | Chipkill             | Chipkill             | Chipkill              |

## Introducing the RamSan-500 the World's First Cached Flash System



- 1 or 2 Terabytes of Flash Memory
- 16-64GB of RAM Cache
- 100,000 Random I/Os Per Second (from Flash)
- 2GB/second Sustained Throughput (from Flash)
- Designed to accelerate read intensive applications in the Enterprise.

## Marketing Contacts

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