



The Vision

Quality, reliability and affordability of tomorrow's digital systems



The Solution

Electronics reporting on their own health & performance



The Technology

Analytics applied to data created by on-chip Agents™



Reliability and Predictive Maintenance will no longer be a boundless effort and cost, but rather an accessible, accurate and common asset, spanning across the industry.

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THE TRUE COST OF SCALING QUALITY AND RELIABILITY

Electronics are taking responsibility of nearly every aspect of our lives, growing in **scale and complexity**. From the cars we drive and phones we use to the data we consume, they are required to provide mega-functionality and ceaseless use. These complex digital systems are enabled by **highly sophisticated architectures, nano-scale manufacturing processes and advanced packaging**. However, these technological breakthroughs introduce **new industry-wide challenges**

- Increasing quality and reliability requirements
- Redundancy-based products and processes
- Existing practices inefficient and uneconomical
- Drastic power-performance trade-offs

In a time of **zero tolerance for interrupted service**, sudden failures or downtime result in drastic monetary damage to the industry and consumers alike. Managing the risks and uncertainties that stem from advanced semiconductors has proven to be an unanswered problem.

ENABLING SCALE WITH VISIBILITY

Spearheading a New Category! proteanTecs is transforming the electronics industry with a new approach to visibility. The company monitors health & performance of chips, from design through production to field, for newfound insights, predictions & recommendations. proteanTecs has introduced **Proteus™**, a one-stop cloud-based analytics platform based on deep data.

Design & process analysis



Data created by on-chip Agents™



Machine learning data analytics



Actionable insights & alerts

Manufacturers and service providers gain critical insights for data driven decision making based on in-mission measurements. Proteus creates a common “data language” across the electronics value chain, increasing collaboration and efficiency between Chip Vendors, System Vendors and Digital Service Providers.

Alerts before Failures

Improved Quality

Faster Time-to-Market

Lower Production Costs

Enhanced Product Competitiveness

TRUSTED BY INDUSTRY LEADERS

Proteus is in use and **silicon proven** by customers in key industry segments including Datacenter, Communications and AI.



Founded in 2017

By co-founders of Mellanox and built by a multi-disciplinary team of circuit, machine learning and software experts



Global Operations

Headquarters in Israel with offices in California and New Jersey



Funding of \$50M to date

Backed by worldwide leading investors, with a proven track record in the electronics and SaaS industries