CEO | Eric Aguilar



OMNITRON

The World's Most Powerful Micromachine

OCS is proven efficiency for hyperscalers

Google

41%
Power Savings

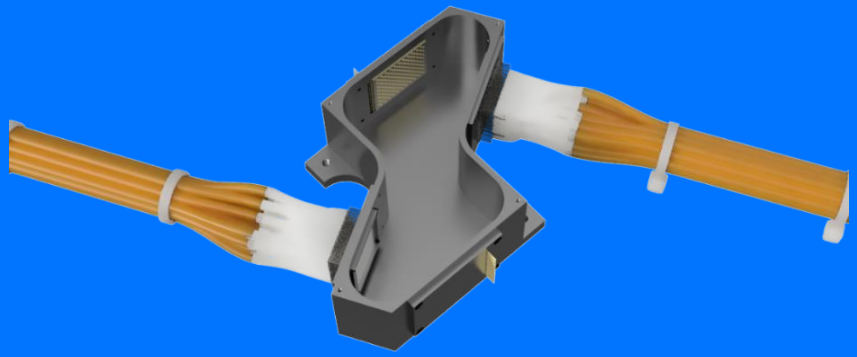
30%
Cost Reduction

HUAWEI

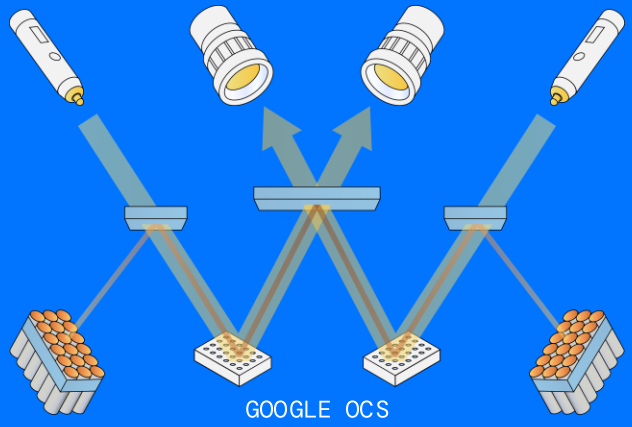
20%
Power Savings

Where Google Stalled, Omnitron Leaps Ahead

- Higher Radix
- Lower Insertion
- Higher Stability

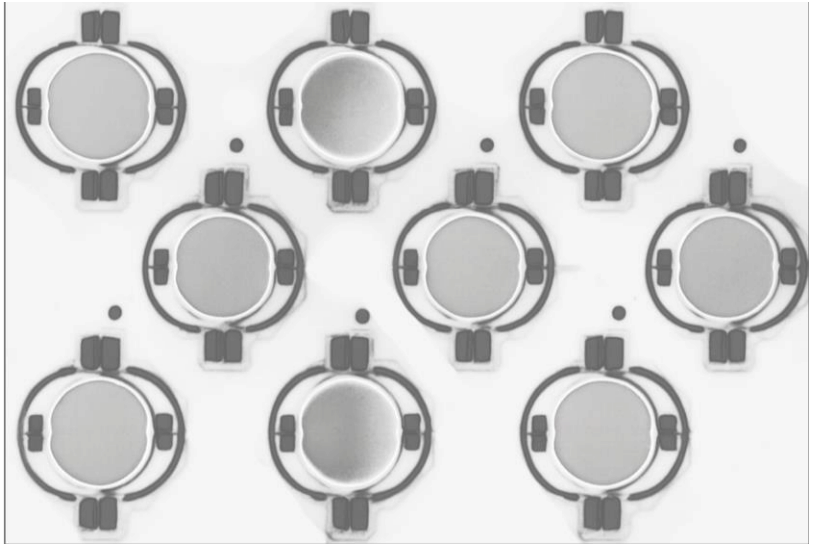


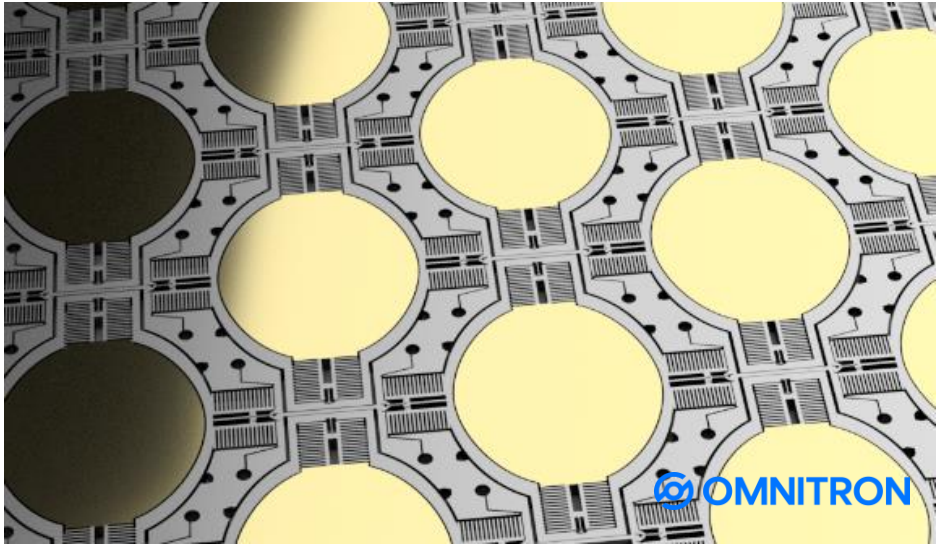
OMNITRON OCS



GOOGLE OCS

THE MISSING PIECE





GOOGLE'S LIMITATIONS

- Force
- Range
- Stability
- Manufacturability

OMNITRON SOLVES

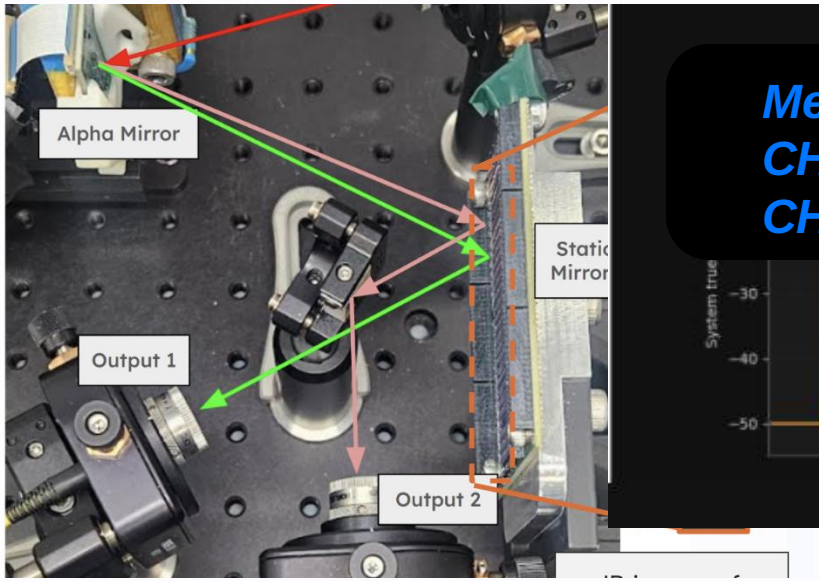
- 10× Force
- 2× Articulation
- Closed Loop Stability
- High Volume Manufacturing

OMNITRON

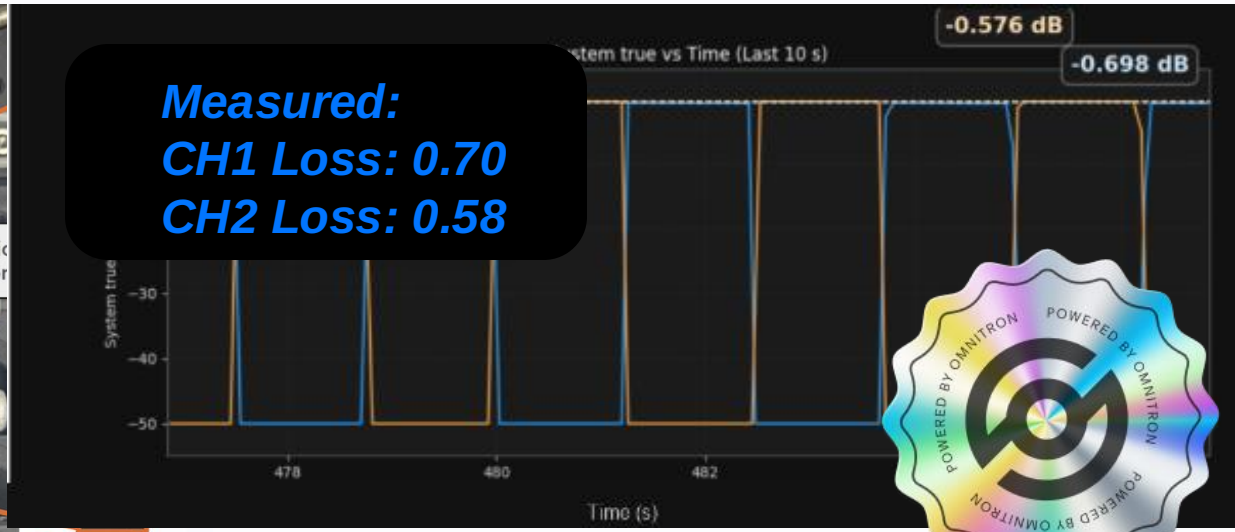
THE SOLUTION

Measused in the lab. Built in Silicon

Loss <1 dB modeled



Real optical lab setup



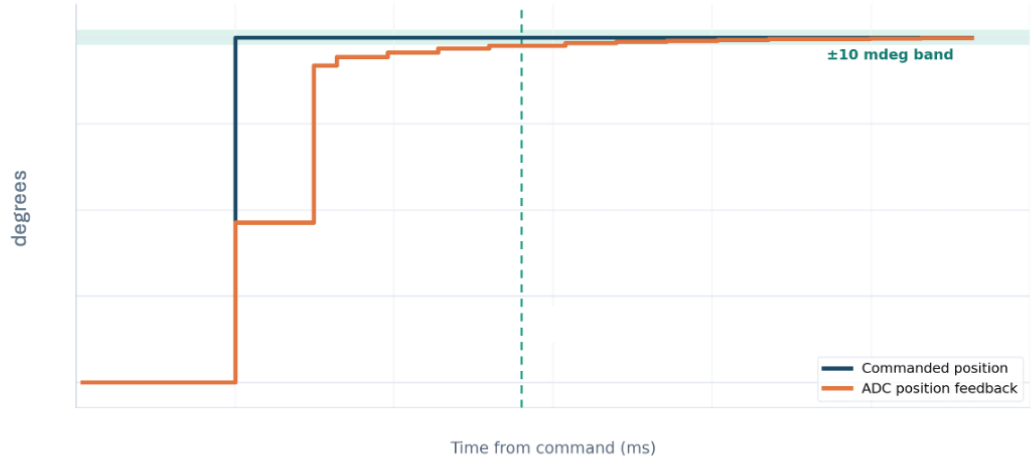
THE SOLUTION

Closed Loop Stability

Measured step response • Discrete PI electronics • Omnitron OCS MEMS

MEASURED RESPONSE

Representative rising transition, extracted from the recorded ADC trace



Customer Performance

Accuracy + precision

Exceeds customer targets

Stability

(±4.7 mdeg and holds)

Settling time

Exceeding current specs

5x improvement expected with dedicated controls

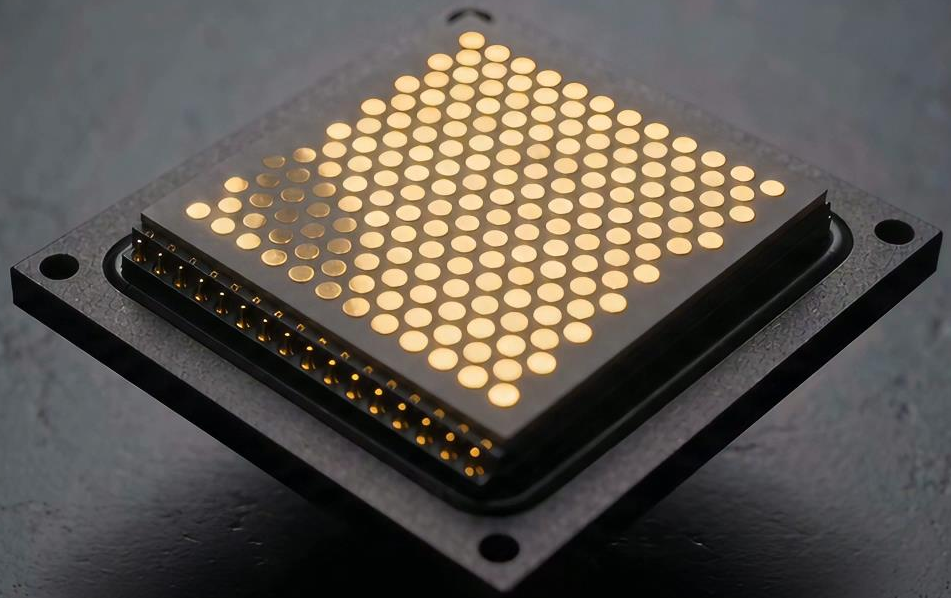
Early Traction



"What you are showing me is *very* interesting."

-trillion dollar AI hyperscaler after reviewing Omnitron's tech

Thank you



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