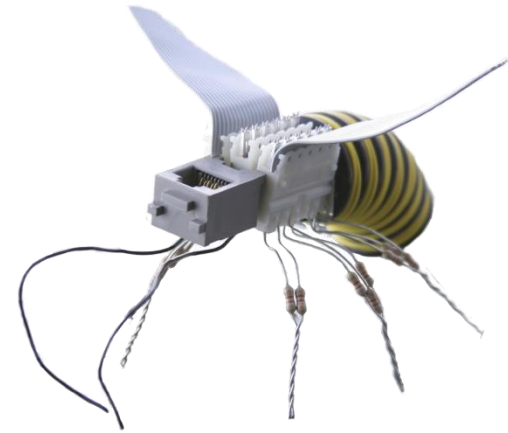


**LIGHT,  
SAND**

BRIDGING  
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*LightSand Delivering  
Unique Performance and  
cost benefits*

# Connect any SAN/LAN over any MAN/WAN

## Usual problems

Bandwidth ~~X~~ cost and limited performance

Limitations in the choice of ~~X~~ WAN

Heterogeneous ~~X~~ SAN fabrics

Distance ~~X~~ limitations

Storage and clustering ~~X~~ applications limited locally

## What LightSand allows to implement

**Increase bandwidth performance and reduce line cost**, by extending FC or FICON together with Ethernet Layer 2 on the same link, and by delivering 3-to-5 compression rates to expand bandwidth

**Connect sites over any WAN regardless of the transfer protocol**, IP, Sonet/SDH, WDM, Dark Fiber

**Connect seamlessly SANs from any fabric vendors**, McData, CNT, Cisco, Brocade, etc

**Implement connectivity regardless of distance**, from local proximity to continental scale

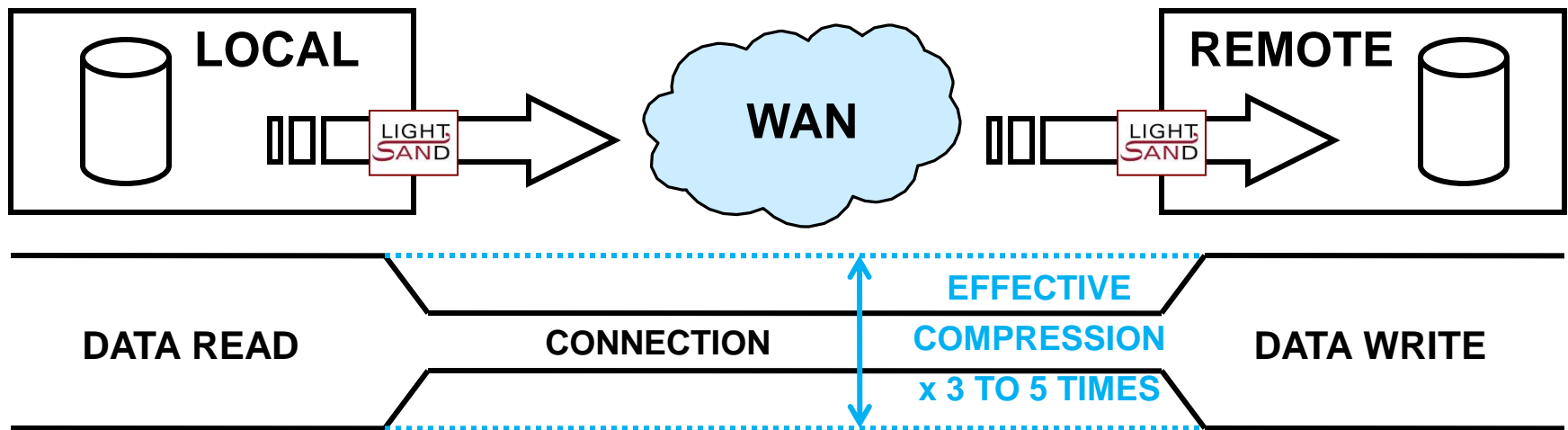
**Extend any Storage or Clustering application over distance**, to implement business continuity and disaster recovery plans

**For Enterprise-Level solutions...**

**...or Small Medium Business applications**



# LightSand reduces the cost of your WAN



**LIGHTSAND COMPRESSION CAPABILITES EXTEND LOCAL PERFORMANCE OVER DISTANCE WITHOUT THE NEED AND COST FOR A MATCHING HIGH BANDWIDTH CONNECTION**

## REDUCE COST AND GET THE SAME OR HIGHER PERFORMANCE OUT OF YOUR WAN

Since you get 3 to 5 times the normal data throughput out of your connection, you can...

- **Reduce the bandwidth or the number of your existing connections, and their cost**, while delivering the same level of local performance over distance
- **Use an existing connection to deliver more data throughput**, at no additional cost
- **Implement remote storage applications at no additional cost**, by using an existing ethernet layer 2 link
- **Implement remote clustering applications at no additional cost**, by using an existing FC or FICON link



Thank you

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