CIRRUSCOIN

THE WORLD'S GREENEST, CHEAPEST, ENTERPRISE-GRADE OPTION FOR COMPUTE CAPACITY

EXECUTIVE SUMMARY
FEBRUARY 2018

THE PROBLEM

The energy footprint of the IT sector consumes 7% of the world's electricity

- Hyperscale data centers consume over 50% of all electricity consumed by data centers and are NOT sustainably powered
- IoT CAGR is projected at 17.5% through 2020, increasing to 28.1B devices
- Increasing use cases for distributed applications (DApps) require more computing at the edge
- Data centers are not optimized for efficient participation in complex energy markets

Sources: Greenpeace, IDC, DOE

CRYPTO CONSUMPTION

The New York Times

"There is Nothing Virtual About Bitcoin's Energy Appetite"
January 21, 2018

Daily MWh	31,000	115,000
Annual TWh	11.4	42.1
Annual Mining Revenue	$10.5B	$12.2B
Rank in Annual Consumption	89. North Korea 90. Ethereum 91. Lithuania	55. Peru 56. Bitcoin 57. New Zealand

CIRRUSCOIN OFFERS SUSTAINABLE COMPUTE FOR YOUR USE CASE

CLOUD

Enterprise data center demand is being fueled by IoT and AI, with 71% of enterprises reporting plans for new IoT initiatives. Cloud-level resiliency will be achieved through rapid transfer of compute workloads under automated software control supported by reliable networks.

EDGE

Latency-sensitive connected tech like autonomous cars need edge computing to operate, removing the need to backhaul to a central data center. Local compute offers benefits of continuous operation, better system uptime, and survivability in the event of network failure.

SUSTAINABILITY

Corporate Social Responsibility (CSR) goals are increasing, with 70% of enterprise IT teams actively working on CSR initiatives. This impacts data management purchasing preferences; renewable resources powering CirrusCoin along with our better reporting will be needed.

BLOCKCHAIN

This technology will be one of the major drivers for distributed/edge computation resources. The integrity of blockchain systems is handled through the use of public-key cryptography and continuous, computationally intense validation by nodes in the system.

HOW DOES IT WORK?

Compute customers redeem CirrusCoin for compute capacity

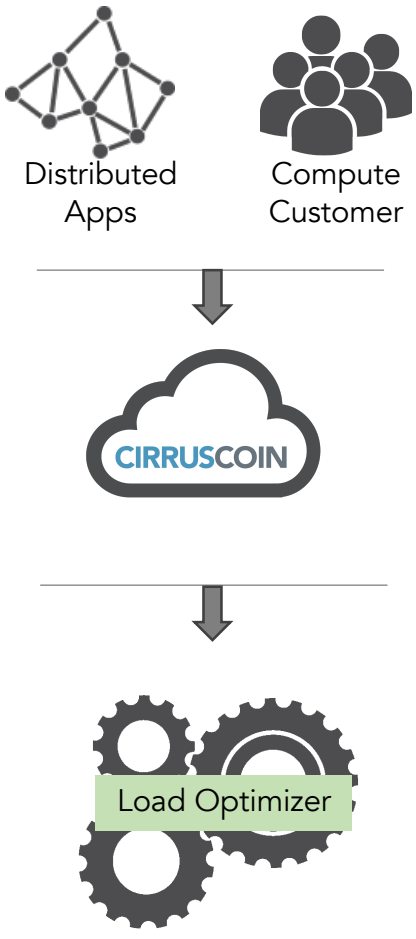
Capacity purchases are custom tailored to fit workload requirements by client

Easy interface enables rapid deployment and nimble reaction to market conditions

Workloads can be scheduled at renewable resources to help customers achieve indisputable results toward sustainability goals

Platform is designed to minimize electrical losses and take advantage of market dynamics

Resiliency is a function of network design rather than single nodes



TEAM

Industry leadership from:

Lucent Technologies
Bell Labs Innovations

Emera

OPOWER

hp

ICANN

JUNIPER NETWORKS

readwrite

PG&E

VIASYN
NEXT GENERATION ENERGY SERVICES

BLOCKCHAIN
AT BERKELEY

Bank of America

HOW DO I LEARN MORE ABOUT CIRRUSCOIN?

White paper https://cirruscoin.net

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https://t.me/cirruscoin

CIRRUSCOIN

FOR MORE INFORMATION READ OUR WHITEPAPER AT:

https://cirruscoin.net

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