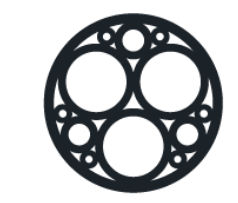




SONM

DECENTRALIZED FOG COMPUTING

A STEP INTO THE FUTURE WITH SONM

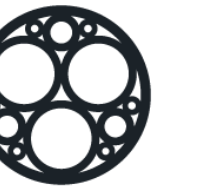


SONM



Igor Lebedev

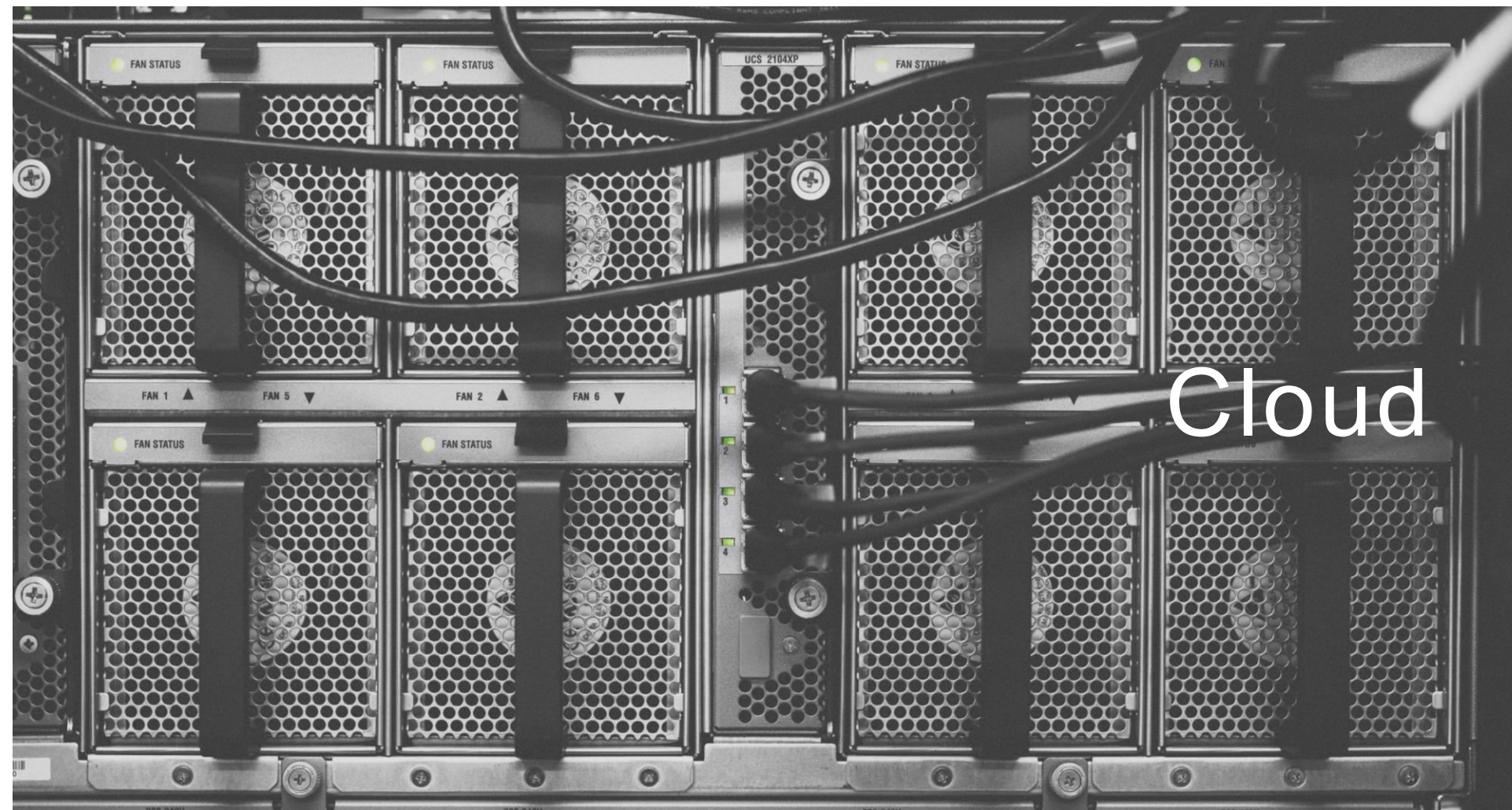
SONM CTO

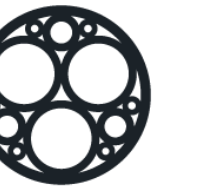


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Architecture Today

3-Tier (client, app server, DB)



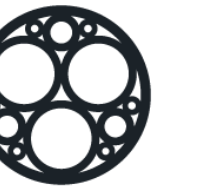


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The Challenge:

Computing load, storage amounts, networking requirements are increasing





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New Architecture

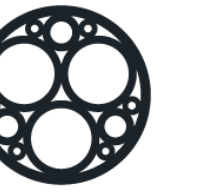
Microservices and MPP





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**New Architecture
can live everywhere**

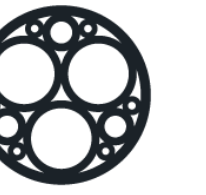


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What is computing fog?

Tasks are solved right where they are
(everywhere and nowhere)

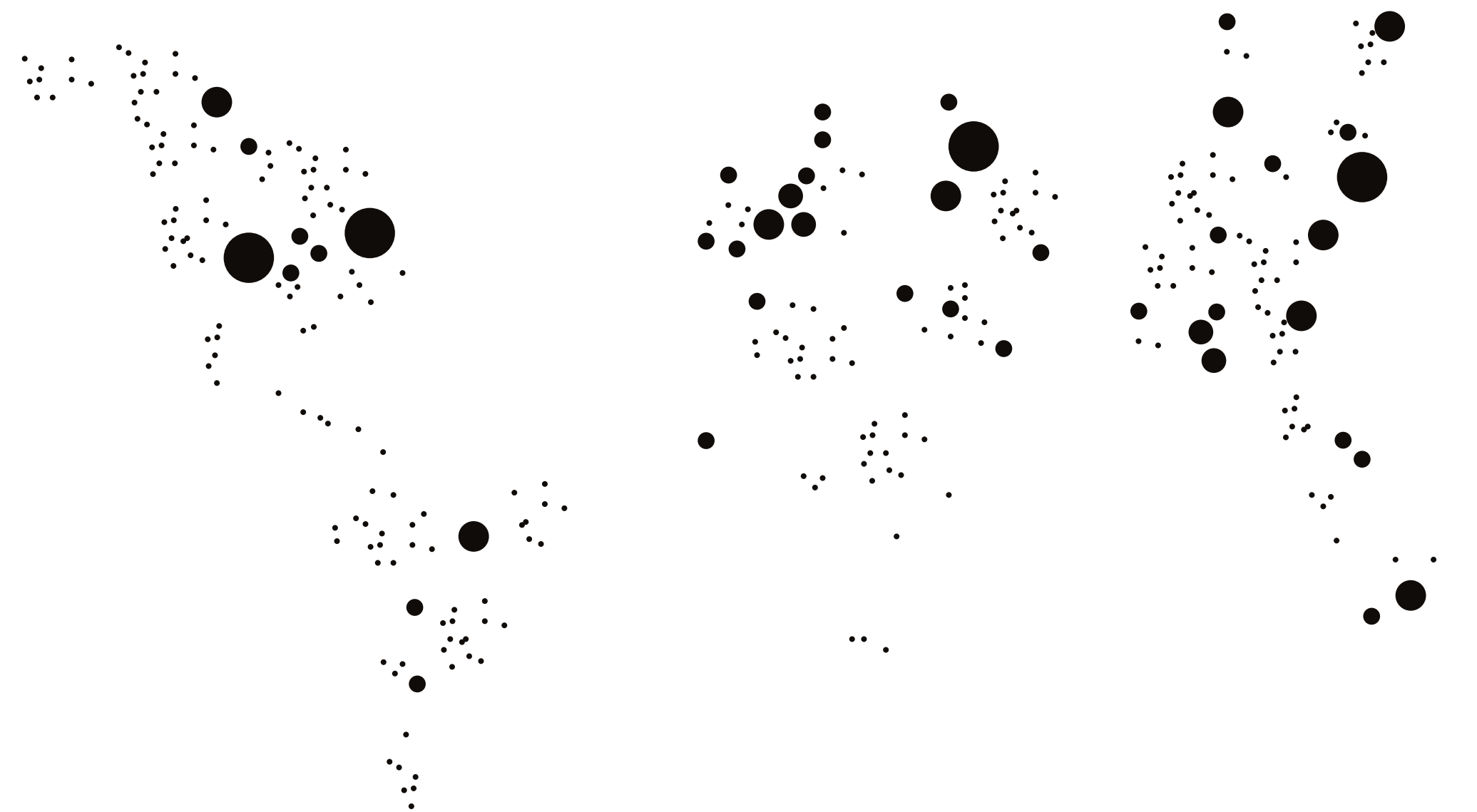


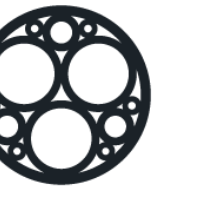


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Fog for business

Hardware is not located pointwise.



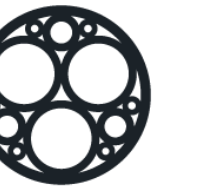


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Fog for business

Hardware is not located pointwise. It is everywhere

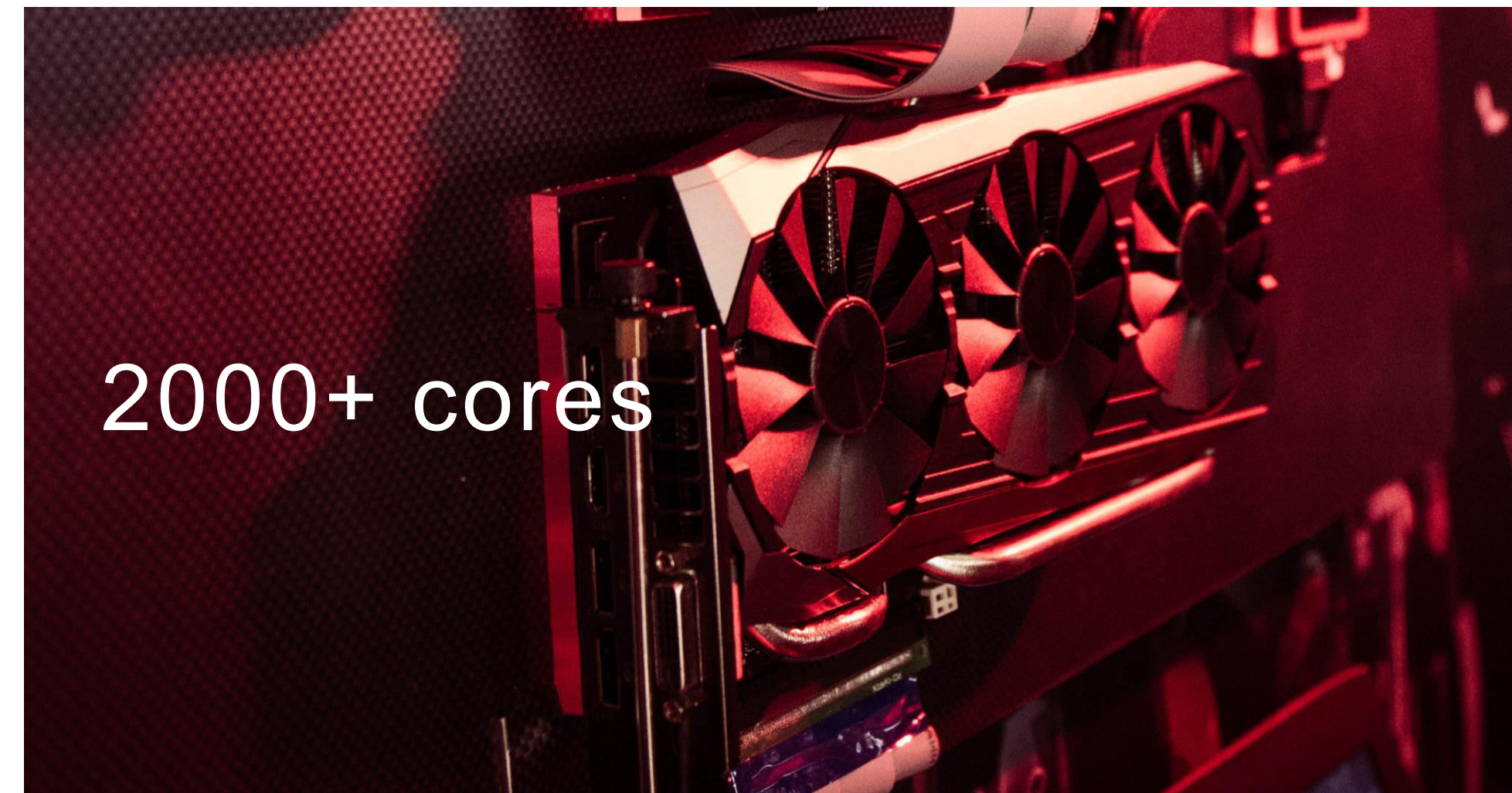
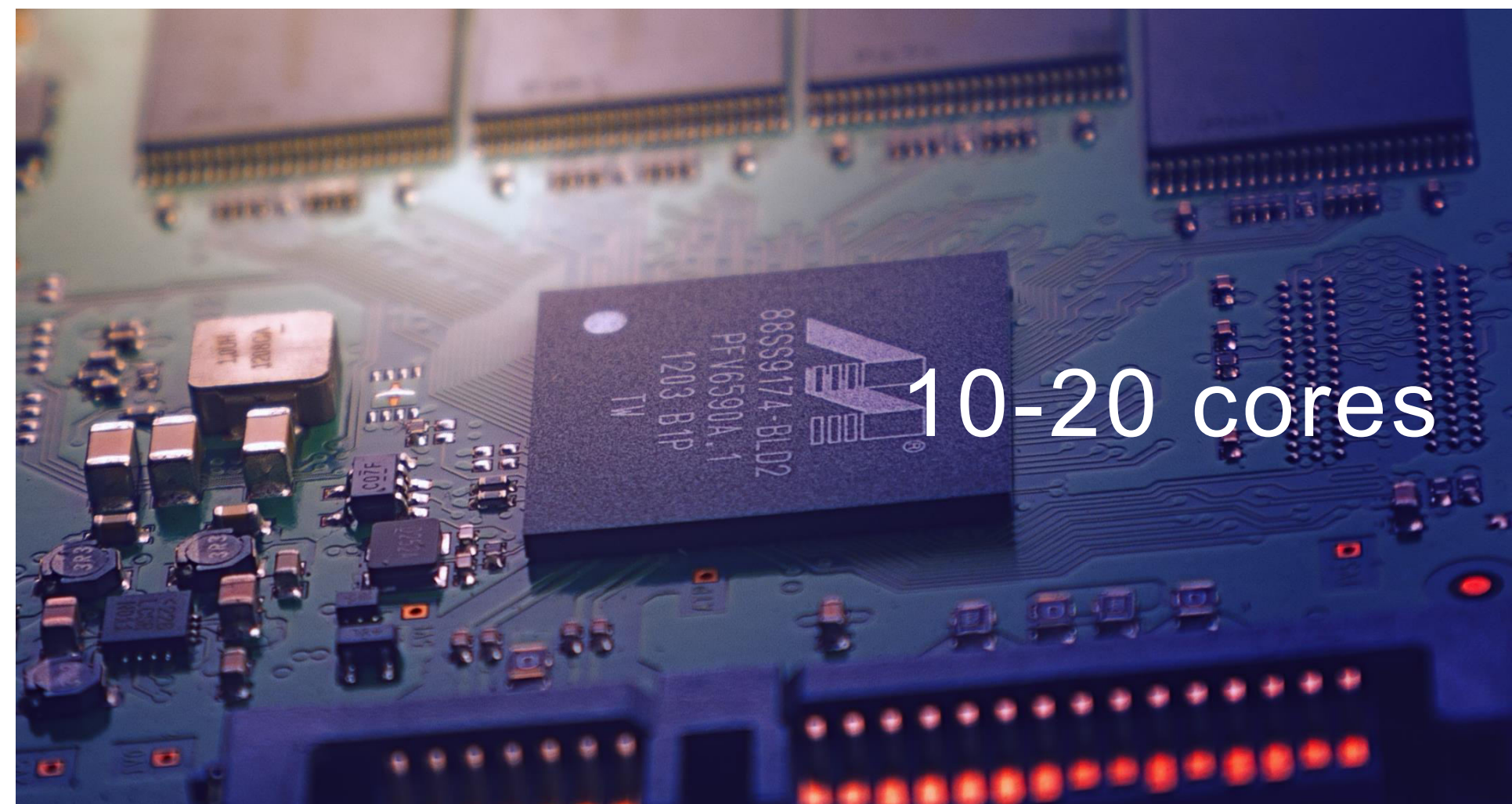


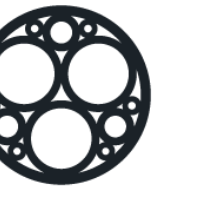


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Fog for business

GPUs are 100 times more powerful than usual CPUs

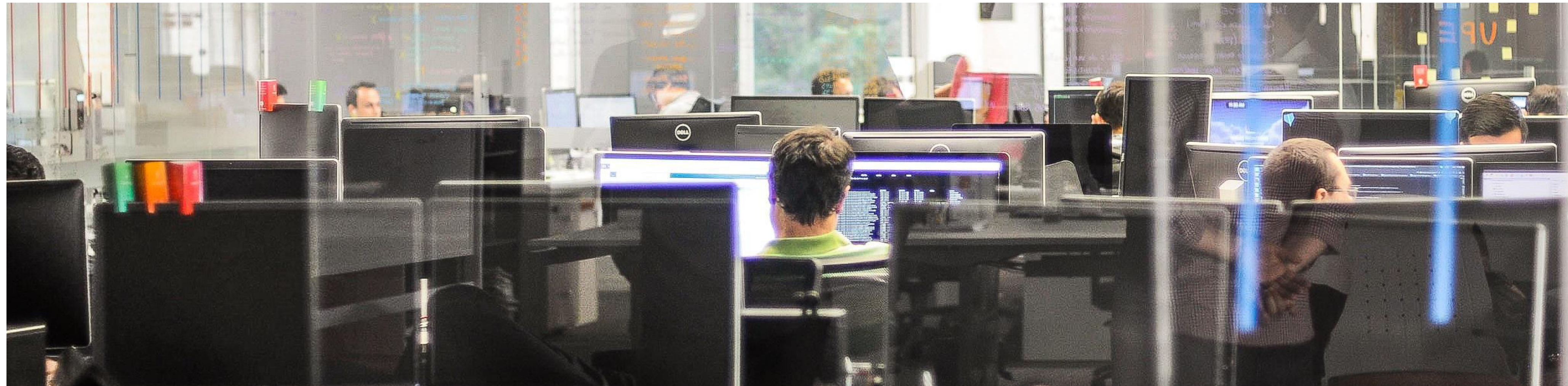


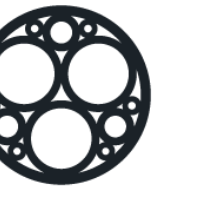


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Fog for business

Lower prices because of consumer grade hardware usage

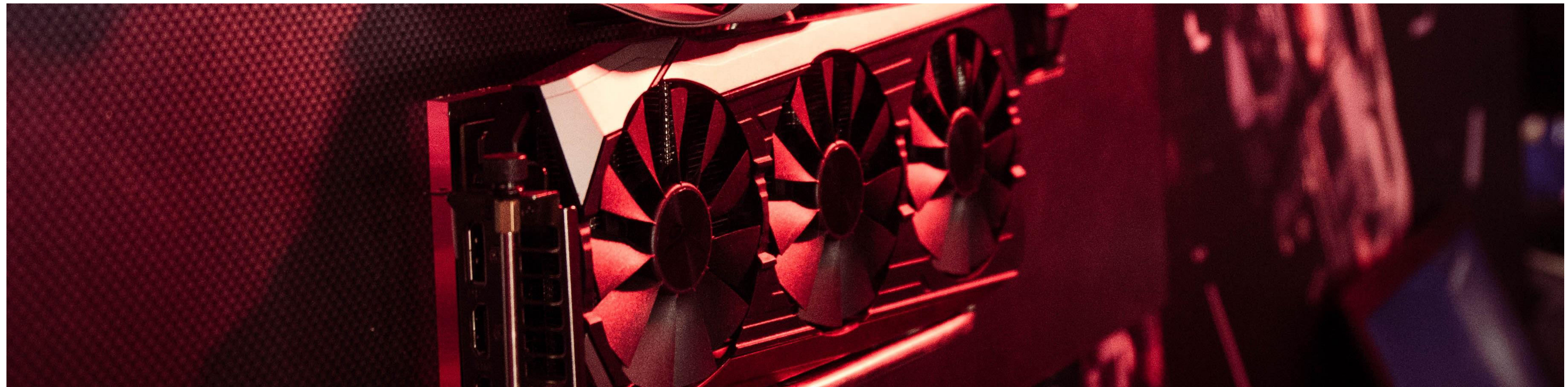


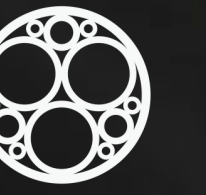


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Fog for business

Super lower prices: consumer grade GPUs

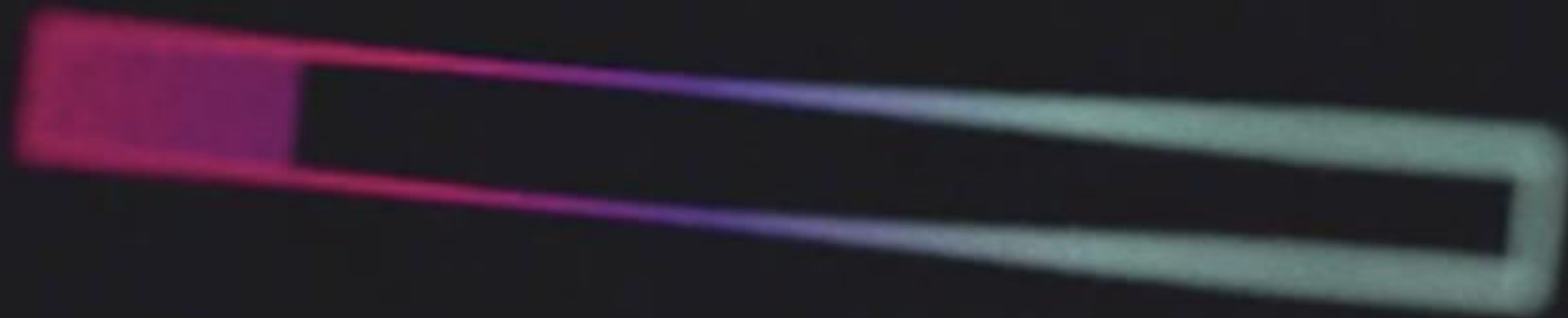




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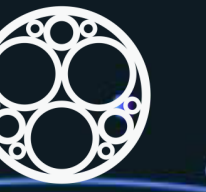


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DOWNLOADING

SONNM SOLUTION



SONNM

CONSUMERS

- Machine Learning
- CGI Rendering
- CDN
- Scientific Calculations
- Game Servers
- Application Hosting
- ... and many more

DISTRIBUTED MARKET OF COMPUTING POWER

SUPPLIERS

- CPU
- RAM
- DISK
- GPU
- NETWORK



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SONM for clients

IaaS / Containers (Aug 2018) — PaaS (Q4 2018)

Decentralized affordable and flexible
solution with geo-distribution



SONM

SONM for suppliers

Rent out your DC servers,
home PCs
or mining equipment



SONM

SONM for partners

Join us in the fog computing
stack



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Apply:

(As a client, partner or supplier)

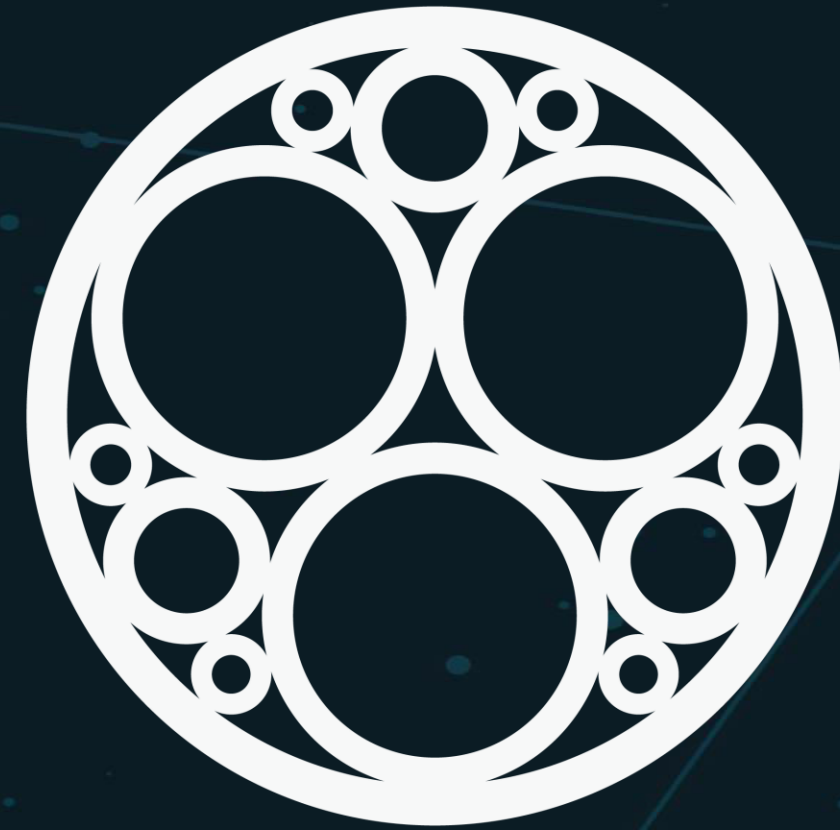
sonm.com/cloudfest

Meet the team:

Booth G45

Official Meetup

March, 14 - **Santa Isabel**
17:00 - Vasca de Gama



SONM

DECENTRALIZED FOG
COMPUTING PLATFORM