VERDIGRIS

Squeeze Every Last Drop

out of your Data Center Capacity

Power capacity is harder to come by than ever, and is the limiting factor for both sustainability efforts and compute density. Adding to the pressures your infrastructure faces, GPU power density has more than doubled over the past decade, and generative AI workloads are on the rise.

You need to get more out of your mission-critical infrastructure.

Studies show that data centers are typically leaving as much as 50% of their capacity unutilized. With granular, real-time data helping you find and use stranded power capacity, you can reclaim up to 30% of that capacity, while still ensuring that your data center runs smoothly.

50%

of data center capacity is typically underutilized

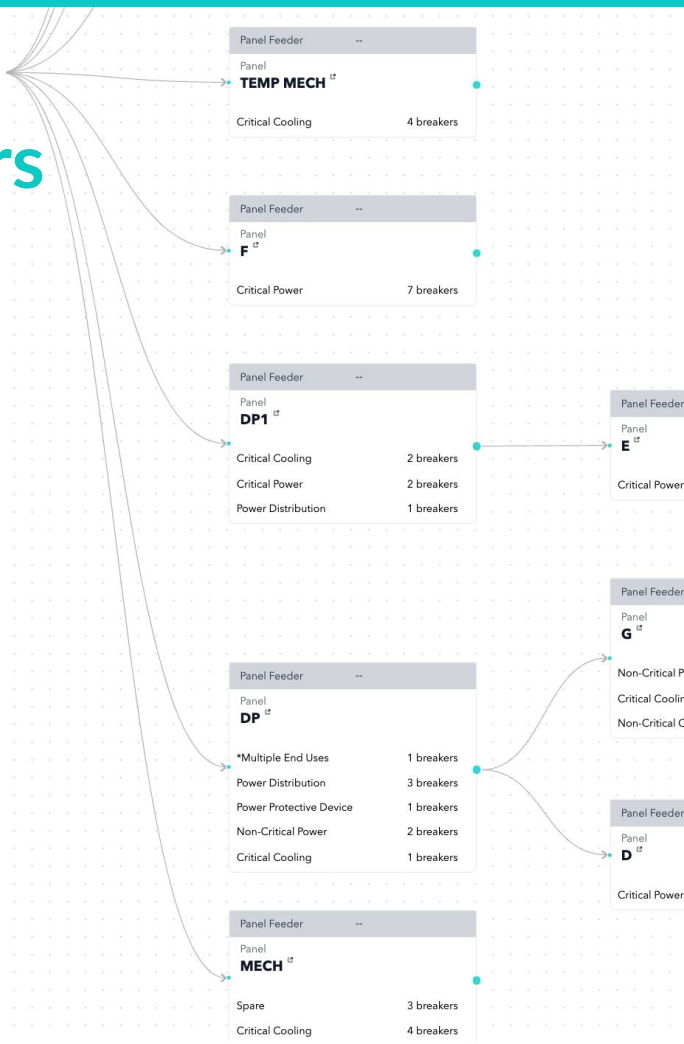
20 kW

anticipated power density per rack in 2030, up from 7 kW per rack in 2021

"Verdigris has been instrumental in refining our capital planning processes, enabling us to make more informed and strategic investment decisions across our facilities. Every time we have an idea for an innovative way to use high frequency electrical data to advance our operations, the platform is capable of rising to the challenge. It's been a game-changer for us."

— John Coster, Sr. Manager, Innovation, Planning and Strategy

Verdigris for Data Centers



Get granular, real-time insights into your power distribution

- Drill down to circuit, minutely, and waveform data to identify chokepoints
- Quickly attribute end-uses for accurate reporting
- Compare in real time the electrical usage of compute to the rated capacity

View and maintain a digital twin of your power flow

- Modernize and digitize single line drawings
- Unify stakeholders with an intuitive user interface
- Keep your DCIM continuously updated with relational data powered by an inference engine*

Build error-proof data resilience into your entire stack

- Continuously validate gateway uptime and data quality
- Immediately resolve configuration errors using validation indicators
- Prevent costly truck-rolls and slow manual interventions with software that can reverse errors

Deploy at scale quickly and easily

- Enjoy market-leading implementation speed and installer experience
- Leverage the power of 8 kHz frequency data capture for advanced applications
- Painlessly scale power infrastructure with a modular, flexible digital architecture

Ready to get more out of your mission-critical infrastructure?

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