CORPORATE PRESENTATION

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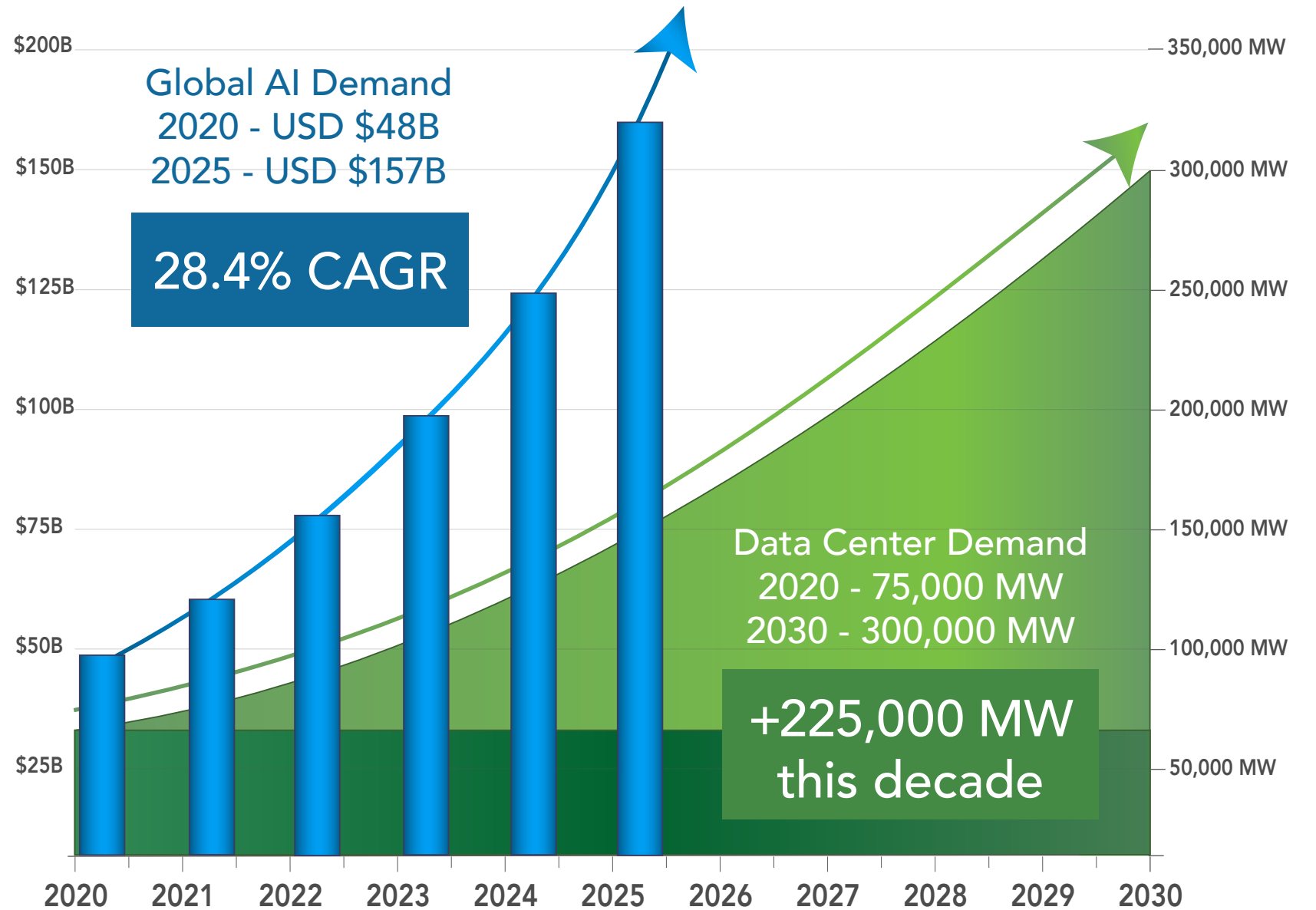
Ultra-Efficient Data Centers Powering High Performance Computing as a Service

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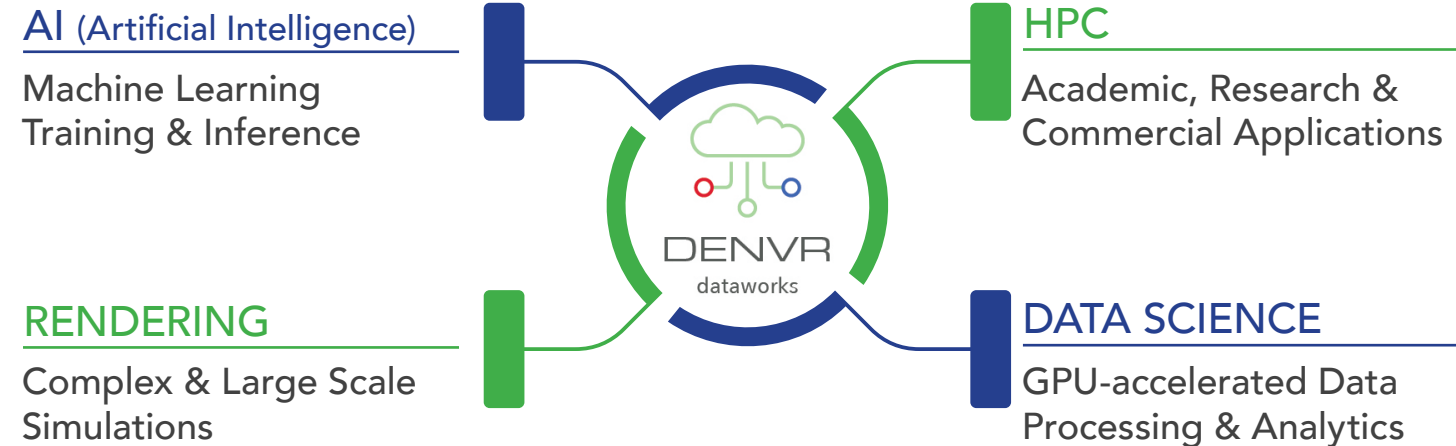Jan 2021 - Page 1

THE HIGH PERFORMANCE COMPUTING / AI REVOLUTION

The demand for accelerated computing is driving the need for specialized data centers and related services over the long term

Global AI Demand
2020 - USD $48B
2025 - USD $157B

28.4% CAGR

Data Center Demand
2020 - 75,000 MW
2030 - 300,000 MW

+225,000 MW this decade

Source: idc.com/getdoc.jsp?containerId=prUS45481219
Source Uptime Institute global data center survey 2020
Source: https://www.mdpi.com/2078-1547/6/1/117/htm

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HIGH PERFORMANCE COMPUTING SERVICES

Denvr's High Performance Computing as a Service (HPCaaS) is designed for Artificial Intelligence, Machine Learning and Scientific applications

AI (Artificial Intelligence)
Machine Learning Training & Inference

HPC
Academic, Research & Commercial Applications

RENDERING
Complex & Large Scale Simulations

DATA SCIENCE
GPU-accelerated Data Processing & Analytics

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Denvr Delivers Profitable HPCaaS at 40%[1] Lower Pricing Than Their Competitors

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(1) - Based on Denvrs on demand hourly rate vs Amazon Web Services (AWS) on demand hourly rate of equivelent hardware. Pricing as of Oct 25, 2020

DENVR'S VALUE PROPOSITION

Denvr delivers High Performance Computing as a Service (HPCaaS) through the operation of ultra-high efficiency, liquid immersion cooled data centers located in Alberta, Canada

Energy Centric Locations - 30% Lower Power Costs

Liquid Immersion Cooling - 50% Less CapX, 43% Lower OpX

Ultra Efficient Clean Technology - 39% Less GHG

Industry Leading High Performance Compute Hardware Offering Best-In-Class Performance

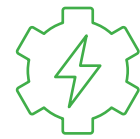Relationships with Leading AI/ML, Academia & Tech Players

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Sources & Notes on Page 4,5,6 & 7

ENERGY-CENTRIC DATA CENTER LOCATIONS - LOWER COSTS

Denvr locates their data centers at the source of power significantly reducing their power supply chain and lowering their power costs
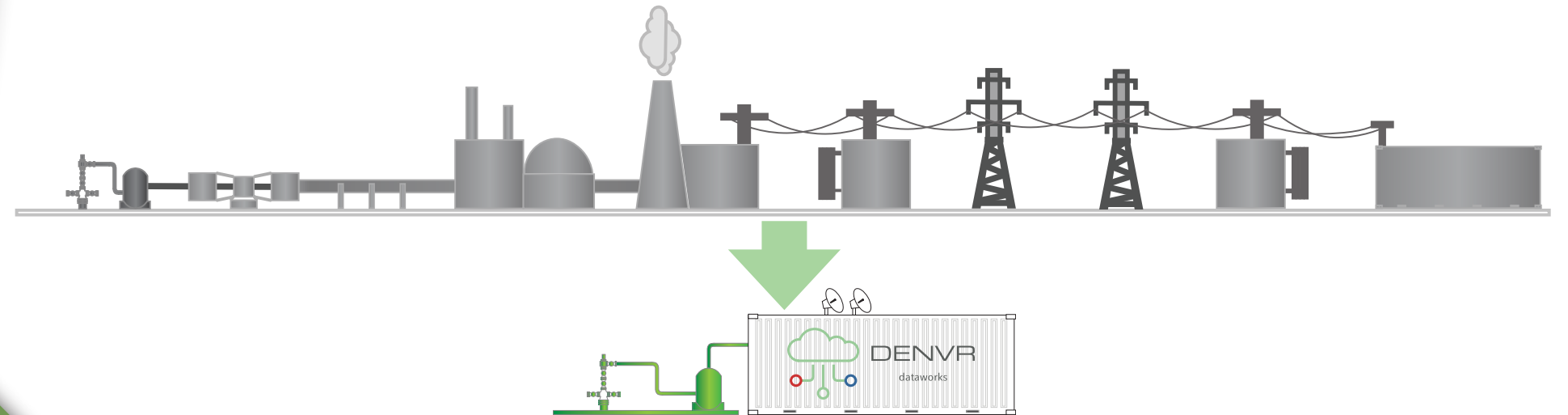
Data Centers Located At The Source Of Power

Simplified Power Supply Chain

30% Lower Power Price and Lower Emissions

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Source: https://www.hydroquebec.com/data/documents-donnees/pdf/comparison-electricity-prices.pdf
Source: https://www.eia.gov/electricity/monthly/epm_table_grapher.php?t=epmt_5_6_a

LIQUID IMMERSION COOLING - UNPARALLELED EFFICIENCY

Liquid Immersion Cooling is 1,200 times more effective than air cooling requiring 50% less Capx to deploy and 43% less Opx to operate

16 Times the Compute Density

50% Less Capx, 43% Less Opx

Requires 80% Less Real Estate

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200+ KW of Denvr compute in 2 racks cooled by liquid immersion

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CLEAN TECHNOLOGY - FUNCTIONAL & RELEVANT

Driven by the combination of energy-centric locations and liquid immersion cooling, Denvr operates a net Power Usage Effectiveness (PUE) rating of less than 1.05

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39% More Efficient Than 2020 Commercial Data Center Industry Average

Less than 5% of total power goes to cooling and operations

Denvr Saves 4,500 Tonnes (4,500,000 Kg) of CO_2 emissions per MW/Yr

Research & Development for More Efficiency

Source: https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references
Source: https://journal.uptimeinstitute.com/data-center-pues-flat-since-2013/
Source: https://blog.se.com/energy-management-energy-efficiency/2013/03/25/how-big-are-power-line-losses/
Source: https://www.vantage-dc.com/wp-content/uploads/2020/04/Vantage-what-a-high-density-data-center-means-today.pdf
Source: https://www.bloomberg.com/opinion/newsletters/2019-12-13/energy-efficiency-a-hot-problem-for-big-tech-data-centers-k44f6m1h
Source: https://www.comsoc.org/publications/tcn/2019-nov/energy-efficiency-data-centers

THE TEAM

A highly capable and experienced management team with a depth of knowledge and expertise in Data Centers, Cloud Computing, Software, Engineering, Finance and Business Management

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Geoff Gordon
President

25+ years as a serial entrepreneur, notably Geoff was the founder, CEO and Director of Vogogo, a fintech services company and the first publicly listed company working in the blockchain industry. Also the Co-founder and President of Xgen Engineering, a control systems engineering firm that designed and deployed control systems and automation for large energy producers across Western Canada.

With his experience, Geoff has a deep understanding and knowledge of building technology based companies, business management, finance and capital markets. Geoff is also an expert in banking systems, regulatory & compliance, financial transacting, transactional risk management and related technologies, including blockchain since 2011 and AI/ML since 2016.

Dave King
CEO

25+ years of expertise in managing and growing computer hardware development and manufacturing as well as software technology companies.

Dave is a proven expert with System on a Chip (SoC) development, data center and related technologies.

Career highlights include the completion of more than 20 public and private company financings and 10 mergers, acquisitions or exits. A wide array of executive and technology development roles at Xerox, Compaq, Electronics Manufacturing Group, Wi-LAN, Cineplex Entertainment and ZAIO.

Michael Smith
CFO

20+ years of capital markets and financial services industry experience. Michael has worked with domestic and internationally based, public and privately held investment banks and wealth management firms. His primary area of focus has been working with entrepreneurial minded, high net worth private clients with a mutual emphasis on premium quality public and private equity investments in a variety of sectors.

Prior to his focus on financial services, he had a successful athletic career representing Canada internationally in the sport of decathlon, where he was a 3-time Olympian as well as a World Championships and Commonwealth Games medalist.

Kyle McCrindle
CTO

Former Senior Director Global Fixed Income Trading Systems for CIBC leading CIBC World Markets efforts in building global front-office trading systems for fixed income, FX and money markets, and algorithmic trading.

Former Director of Streaming Architecture for Scotiabank leading the Scotiabank team in the implementation of a streaming data platform to harmonize pricing, trading and settlement across all capital markets businesses.

With 20+ years experience, Kyle is an expert in software engineering, distributed systems, and traditional financial products. He has deep experience with institutional banking systems and low latency integration with exchanges, OTC markets and single-dealer platforms.