# 2021 DATA CENTERS SUSTAINABILITY REPORT

IRON MOUNTAIN®
DATA CENTERS

# INDEX

# A LETTER FROM OUR EVP & GM, MARK KIDD

As we head into the second half of 2022, the need to secure a sustainable future is more important than ever. Climate change continues to affect our world and at Iron Mountain Data Centers, we are committed to demonstrating leadership toward a solution.

At the same time, the world continues its digital transformation journey. More data centers will be required to securely enable essential technology solutions in more markets around the world. We're excited for this opportunity and are prepared to develop the sustainable future infrastructure that is needed.

**SECURING A SUSTAINABLE FUTURE**

We continue to expand our commitments with industry-leading goals. In this report, you'll see how we put those commitments into action.

In 2021, we set a goal that by 2040 we will use 100% clean electricity, 100% of the time in our data centers. Importantly, we will share our progress publicly and utilize the same methodology established by Google to track our performance.

Shortly after announcing our hourly matched clean energy commitment we were a founding signatory of the United Nations 24/7 Carbon Free Energy Compact (UN), launched in 2021. Through efforts like these, we have seen the power of collaboration as energy buyers, energy suppliers, governments, system operators, solutions providers, and others committed to accelerating the decarbonization of electricity grids by adopting, enabling, and advancing 24/7 Carbon-free Energy (CFE).

**CONTINUE** ⟶

Iron Mountain is a signatory to The Climate Pledge™ - committing to achieve Net Zero emissions by 2040, 10 years ahead of the Paris Climate Accord. By 2030, all Iron Mountain Data Centers worldwide will be Climate Neutral, consistent with our commitment as a signatory to the EU Climate Neutral Data Centre Pact.

Iron Mountain Data Centers' industry leading Green Power Pass product continues to enable our clients to put their offsite IT load to work, helping them reduce their reported emissions. In 2021, we provided clients with over 86K metric tons of emissions reductions by providing 100% renewable energy for our facilities.

**A YEAR OF GROWTH**

Though 2021 came with global business challenges due to the pandemic and other factors, Iron Mountain Data Centers experienced record growth. We expanded our footprint in Frankfurt, added three new data centers in India through a strategic joint venture, and grew in several of our existing data center markets. We exceeded "Six Nines ", achieving 99.9999% uptime in 2021 across our global footprint.
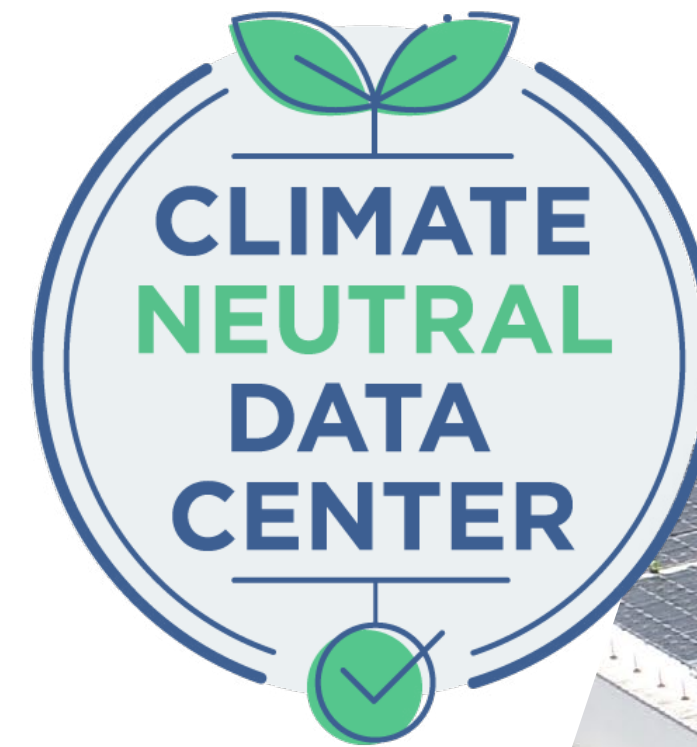
**LOOKING AHEAD**
We continue to explore new, comprehensive sustainable business solutions. In Arizona we're constructing the first BREEAM certified green data center in North America, with a focus on materials and biodiversity. And today Iron Mountain is the leading global provider for responsibly handling IT equipment at end of life, facilitating a circular economy.

An important and exciting component of delivering a sustainable digital future includes a growing collaboration with our clients. We look forward to continued engagement with our clients who help shape the products and services that will help us move to zero carbon emissions collectively as an industry.

*Mark Kidd*

**MARK KIDD**
IMDC Executive Vice President & General Manager

# OUR PURPOSE

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**To be our customers' most trusted partner for protecting and unlocking the value of what matters most to them, in innovative and socially responsible ways.**

Founded in 1951 and trusted by more than 225,000 customers worldwide, Iron Mountain helps customers CLIMB HIGHER to transform their businesses.

Iron Mountain Data Centers operates a global colocation platform that enables customers to build tailored and sustainable data solutions. We enable organizations to achieve hybrid IT success by providing secure, compliant data centers with efficient access to top carriers, cloud and IT services providers.

Iron Mountain Data Centers leads the data center industry in highly regulated compliance, environmental sustainability, physical security and business continuity. We support our clients in their pursuit of zero carbon by purchasing 100% renewable energy and pass the environmental benefits to our customers under our Green Power Pass product, a first in the industry.

# WHO WE ARE

## OUR VALUES

**ACT WITH INTEGRITY**
We are open and honest and live our values every day.

**OWN SAFETY AND SECURITY**
We protect ourselves and each other from harm and secure our customers' assets as if they were our own.

**BUILD CUSTOMER VALUE**
We constantly look for ways to better serve our customers and improve their business.

**TAKE OWNERSHIP**
We take personal responsibility for the success of our teams, our customers and our company.

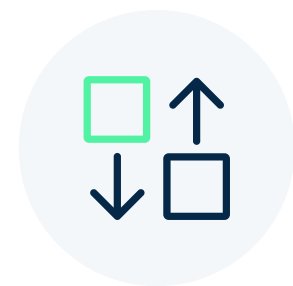**PROMOTE INCLUSION AND TEAMWORK**
We look for and value each other's unique ideas and perspectives to get better results.

## AWARDS & RECOGNITION

> EPA Green Power Leadership Award – ESG leader of the year

> Datacloud Global awards – Energy Solution Provider Award

> Prince William Chamber Business Awards – Tech Company of the Year

> Ranked #93 on Newsweek's 2022 list of America's Most Responsible Companies

> Listed on the 2021 FTSE4Good Index

> Received 100% on the Human Rights Campaign 2022 Corporate Equality Index

> Scored a 90% on the Disability Equality Index

> Google Cloud Customer Award

> Top Admired Shared Services Organization Award

> EPA top 30 green power partner ranking

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# KEY FACT & FIGURES

**3.5M+**
SQ FT of Operational Data Centers

**6**
Countries

**20**
Operational data centers

**1300+**
Customers
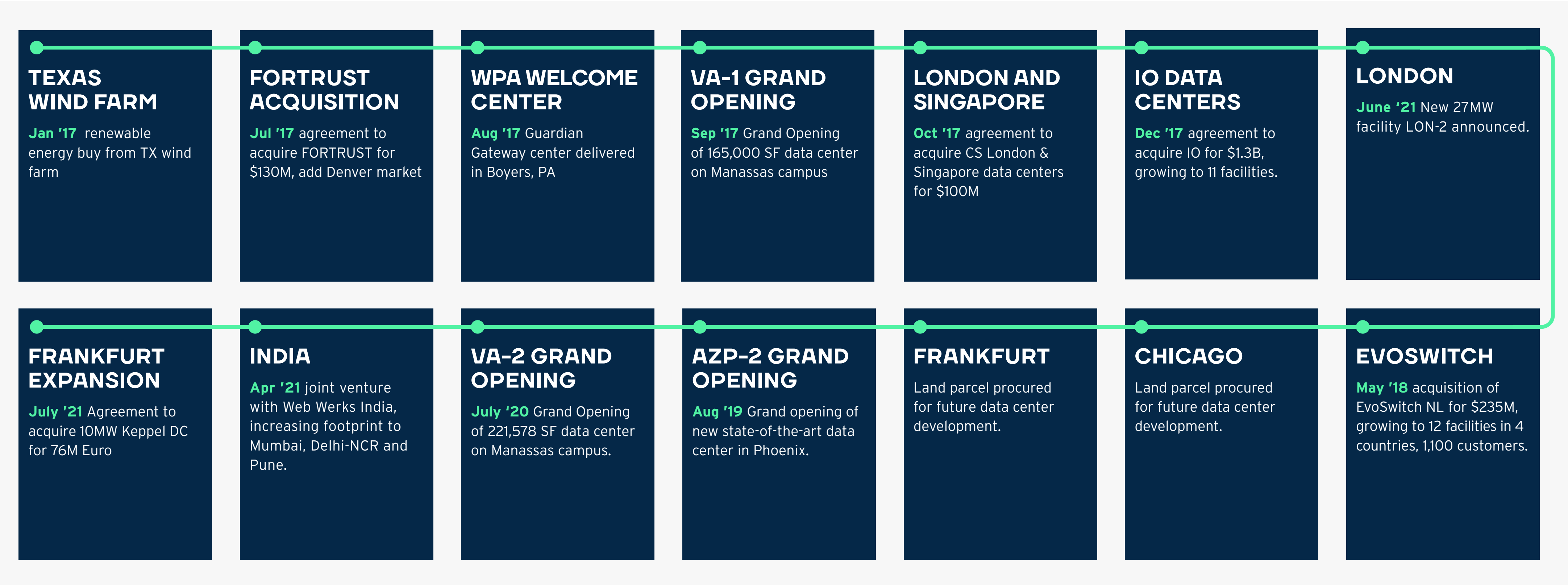
**$325M**
Revenue 2021

**99.9999%**
Uptime

**100%**
Renewable powered since 2017

**24/7 Carbon-Free Energy**
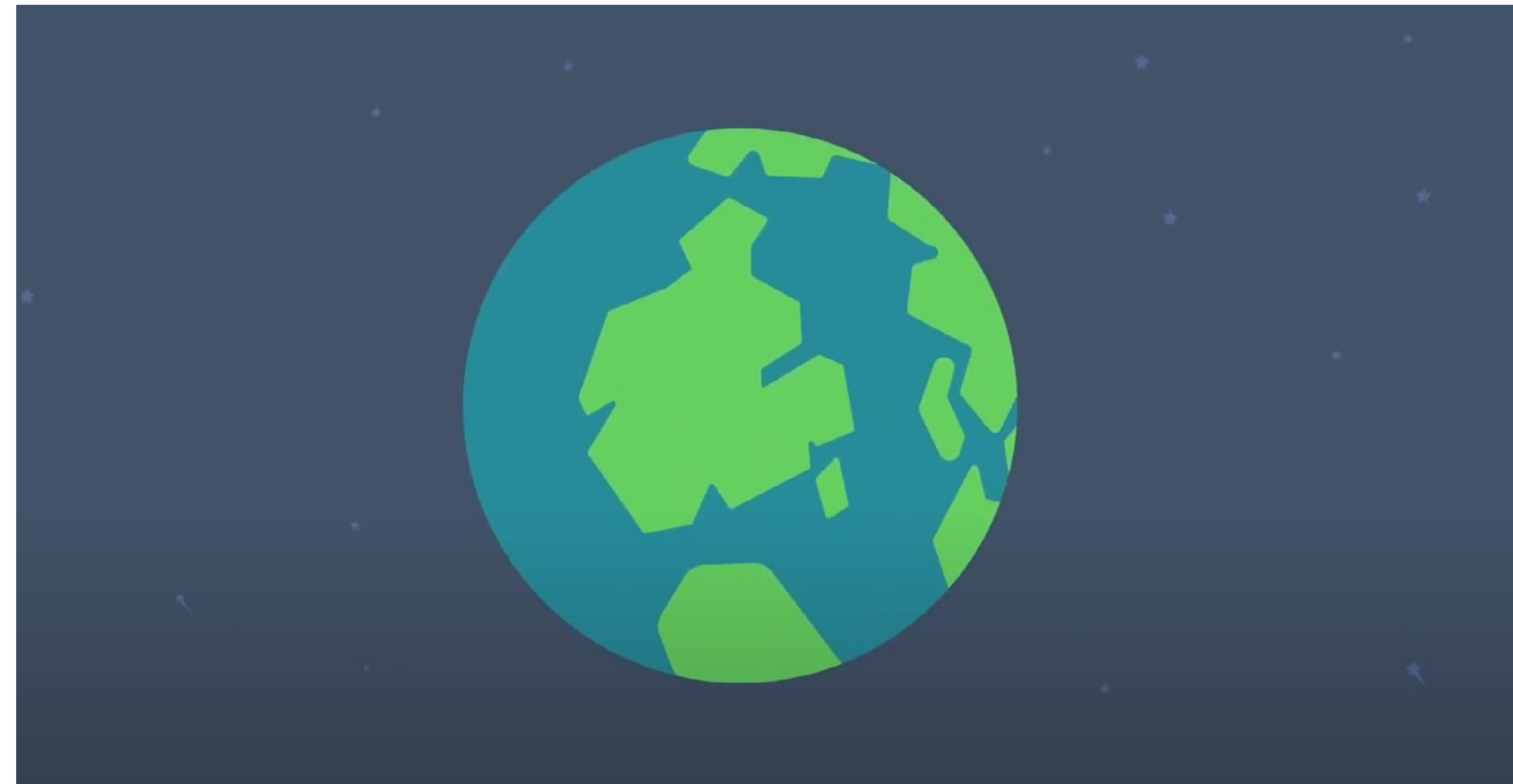Founding signatory to UN Compact on Energy in 2021

# INVESTING $2 BILLION IN DATA CENTERS SINCE 2017

Iron Mountain has invested more than $2 billion in data centers since 2017 and now has 20 data centers, in 6 countries, spanning 3 continents.

**TEXAS WIND FARM**

**Jan '17** renewable energy buy from TX wind farm

**FORTRUST ACQUISITION**

**Jul '17** agreement to acquire FORTRUST for $130M, add Denver market

**WPA WELCOME CENTER**

**Aug '17** Guardian Gateway center delivered in Boyers, PA

**VA-1 GRAND OPENING**

**Sep '17** Grand Opening of 165,000 SF data center on Manassas campus

**LONDON AND SINGAPORE**

**Oct '17** agreement to acquire CS London & Singapore data centers for $100M

**IO DATA CENTERS**

**Dec '17** agreement to acquire IO for $1.3B, growing to 11 facilities.

**LONDON**

**June '21** New 27MW facility LON-2 announced.

**FRANKFURT EXPANSION**

**July '21** Agreement to acquire 10MW Keppel DC for 76M Euro

**INDIA**

**Apr '21** joint venture with Web Werks India, increasing footprint to Mumbai, Delhi-NCR and Pune.

**VA-2 GRAND OPENING**

**July '20** Grand Opening of 221,578 SF data center on Manassas campus.

**AZP-2 GRAND OPENING**

**Aug '19** Grand opening of new state-of-the-art data center in Phoenix.

**FRANKFURT**

Land parcel procured for future data center development.

**CHICAGO**

Land parcel procured for future data center development.

**EVOSWITCH**

**May '18** acquisition of EvoSwitch NL for $235M, growing to 12 facilities in 4 countries, 1,100 customers.

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# SECURING A SUSTAINABLE FUTURE

We challenge ourselves and inspire others. We aspire to be a force for good by modeling how organizations can be the solution to some of the world's biggest social and environmental challenges, while delivering business positive outcomes. We focus our efforts on what matters most, ensuring that we do business with integrity and in a way that creates value for all our stakeholders. We contribute positively to the communities in which we operate by leveraging the unique capabilities of our business. We apply disciplined sustainable business practices to address the most material ESG issues facing our company to deliver positive social, environmental and financial results at scale.

# OUR CORPORATE RESPONSIBILITY GOALS

**We set ambitious public goals and are transparent in our reporting in order to hold ourselves accountable for the impact of our operations and to focus on how we can create positive change in the communities in which we do business. Our goals encourage us to collaborate across disciplines to innovate, become more inclusive and grow our business sustainably. We focus on what is most material and most impactful.**

**We create our goals carefully with input from our stakeholder engagement process, function-specific subject matter experts, and executive leadership. Iron Mountain Data Centers is committed to fully decarbonizing our electricity supply by setting a goal of powering our facilities with 24/7 clean electricity, every hour of every day and eliminating energy waste across our operations.**

## KEY GOALS INCLUDE:

### 2017
Iron Mountain Data Centers has maintained 100% renewable electricity supply for our global data center business since 2017, and will continue to do so.

### 2025
By 2025, Iron Mountain plans to have all new construction of multi-tenant data center facilities certified to the BREEAM Green Building Standard.

### 2030
By 2030, all Iron Mountain Data Centers worldwide will be Climate Neutral, as part of our commitment as a signatory to the EU Climate Neutral Data Centre Pact.

### 2040
By 2040, Iron Mountain is committing to achieve Net Zero emissions, 10 years ahead of the Paris Climate Accord, and has become a signatory to The Climate Pledge.

### 2040
By 2040, Iron Mountain will use 100% clean electricity, 100 percent of the time in its Data Centers.

To accelerate decarbonization of the grid, the company is going beyond its RE100 commitment of 100 percent renewable electricity, using the Google methodology for matching site-by-site electricity use with local clean power generation every hour, every day to achieve 24/7 clean power by 2040.

# COMPLIANCE

**Iron Mountain has the most globally comprehensive compliance program in the colocation industry. Since 2016, Iron Mountain Data Centers has continued to outpace other providers in various disciplines of regulatory compliance and risk management. The program currently includes a diverse range of certifications and reports, giving our customers and their third parties assurance that all IMDC Operational Controls are operating effectively, and in good standing with applicable regulatory standards.**

All Iron Mountain Data Centers have achieved ISO 14001 certification (Environmental Management Standard) and recertified all Data Center facilities under ISO 50001 (Energy Management)

| Iron Mountain Compliance | | |
|---|---|---|
| **Impact Area** | **Published Goal** | **Certifications/Reports** |
| **Community Engagement** | Build formal Community Engagement Programs | CSR Report |
| **Circular / Zero Waste** | Establish certified diversion rate by 2023 | UL 2799<br>ISO 14001<br>US Dept of Energy - Wast Challenge |
| **Carbon Neutral** | Climate Neutral Data Centers by 2030 | ISO 50001<br>ISO 14001 |
| **Green Buildings** | All new colocation achieve BREEAM certification | BREEAM<br>EnergyStar<br>SS564 (SGP) |
| **Responsible Water and Power Use** | WUE and PUE per Climate Neutral Data Center Pact | ISO 50001<br>ISO 14001<br>US Dept of Energy - Better Buildings<br>Green Lease Leaders Recognition |
| **Renewable Energy** | 100% annual now, 24/7 Carbon Free by 2040 | |
| Summary of site certifications | | |
| **All IMDC Locations:** | ISO 27001, PCI-DSS, SOC 2 (Information Security); ISO 14001, ISO 50001 (Environmental and Energy Management); ISO 9001 Quality Management | |
| **North America:** | NIST 800-53 Rev.5, FISMA HIGH, HIPAA/HITECH (Information Security) | |

Jim Henry
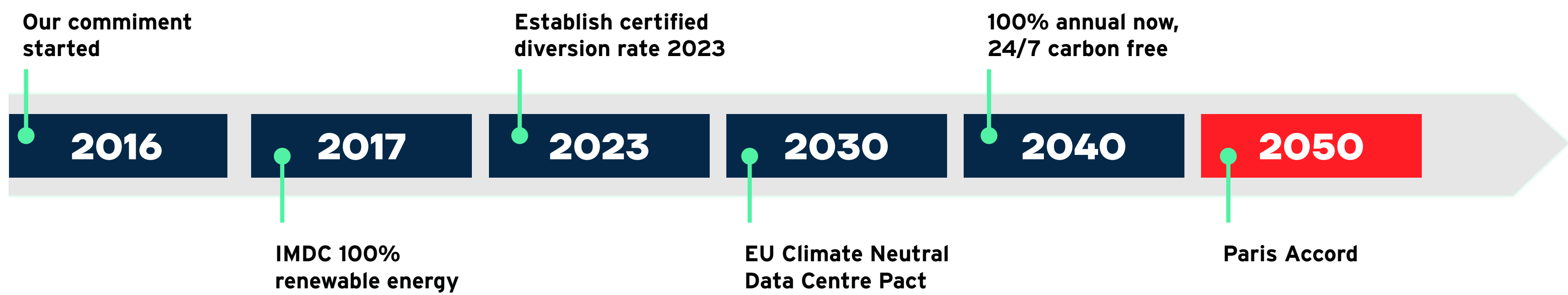GLOBAL COMPLIANCE MANAGER
IRON MOUNTAIN

# COMMITMENT TO NET ZERO

**We embrace our responsibility to contribute to the fight for a net-zero future for our planet. We seek opportunities to improve environmental performance within our operations. We enable our customers to manage information while meeting their environmental goals. And we partner with our suppliers to unlock opportunities to protect our planet, together.**

Our commitment to reducing our emissions was reinforced when we joined the Climate Pledge on May 6, 2021. As part of this commitment, we intend to achieve net-zero annual carbon emissions by 2040 - ten years ahead of the Paris Agreement. In addition to pledging to decarbonize operations, organizations that join the Climate Pledge also agree to regularly report their progress and neutralize any remaining emissions using credible offsets. A key stepping

stone to our 2040 ambitions is our commitment as a signatory to the EU Climate Neutral Data Centre Pact that all Iron Mountain Data Centers worldwide will be climate neutral by 2030.

" **IRON MOUNTAIN IS A SIGNATORY TO THE CLIMATE PLEDGE™** - COMMITTING TO ACHIEVE NET ZERO EMISSIONS BY 2040, 10 YEARS AHEAD OF THE PARIS CLIMATE ACCORD.

**Our commiment started**

**Establish certified diversion rate 2023**

**100% annual now, 24/7 carbon free**

| 2016 | 2017 | 2023 | 2030 | 2040 | 2050 |

**IMDC 100% renewable energy**

**EU Climate Neutral Data Centre Pact**

**Paris Accord**

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# RENEWABLE ENERGY

As a top 30 purchaser of green power in the US, Iron Mountain has built strong renewable energy capabilities and continues to emphasize the importance of carbon free energy on our path to net zero emissions. We set a goal in 2021 to go beyond our existing practice of meeting our annual data center electricity volume with 100% renewable power. We are the only colocation provider committed to matching each hour of data center electricity consumption with locally produced clean energy, fully decarbonizing our electricity consumption every hour of every day, everywhere.
In support of these ambitions, we are founding signatories of the United Nations 24/7 Carbon Free Energy Compact, which was launched in 2021, and announced partner-ships to analyze our hourly energy use and percentage matched by clean energy to determine progress toward complete decarbonization.

# IMDC ENTERPRISE RESULTS

| | | |
|---|---|---|
| **TOTAL ELECTRICITY** | **=** | **725,670,461 KWH** |
| **IT LOAD** | **=** | **427,985,611 KWH** |
| **TOTAL WATER** | **=** | **775,484,543 LITRES** |
| **TOTAL EMISSIONS** | **=** | **9,970,000 KGCO2EQ** |

| | | | | |
|---|---|---|---|---|
| **POWER USAGE EFFECTIVENESS** | **=** | 725,670,461 KWH / 427,985,611 KWH | **=** | **1.695** |
| **WATER USAGE EFFECTIVENESS** | **=** | 775,484,543 LITRES / 427,985,611 KWH | **=** | **1.81** |
| **CARBON USAGE EFFECTIVENESS** | **=** | 9,970,000 KGCO2EQ / 427,985,611 KWH | **=** | **.014** |

Customer load under GPP 214,010 MWH of customer load, including PUE, which was delivered as carbon free enabling clients to mitigate 86,356 metric tons CO2eq of reportable emissions

As part of our global ISO 50001 Energy Management System, we utilize the ISO 30134 series as the basis for our data center KPI's, which include PUE, CUE, and WUE. This ensures a consistent, and widely known alignment with an international standard that our stakeholders find value in.

# PARTICIPATE IN A SUSTAINABLE FUTURE

**We sincerely thank you for taking the time to read Iron Mountain Data Centers first ever Sustainability Report. More and more companies are making claims to become carbon neutral in the next decade or two. As companies won't become carbon neutral by themselves we believe that it is first and foremost a human effort to make the world a more sustainable place as we are all in this together.**

It is therefore that we want to participate with our peers to make the data center industry a more sustainable one. If your organization has set carbon reduction goals or is in the process of getting them in order, it will help a lot to ask the right questions when selecting a data center provider as you scale your IT infrastructure needs, making sure the organization you work for, meet its sustainability goals:

Always seek answers from your provider to the following questions:

☐ Do you publicly report your carbon footprint and energy usage?

☐ Do you use 100% renewable energy to power your data centers?

☐ Can we get credit for your green energy?

If your provider of choice ticks the box on the three questions above, we believe they are on the right path of being a sustainable data center provider.

As a data center decision maker asking for green energy from your supplier and helping them recognize the market demand, you become part of the solution to address our environmental and social responsibility challenges.

Looking for more details in understanding which questions you can ask? You can read the full Iron Mountain report and blog on asking the right questions on our website.

# GET IN TOUCH

To discuss please contact us on:

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**ABOUT**

Iron Mountain Data Centers operates a global colocation platform that enables customers to build tailored, sustainable, carrier and cloud-neutral data solutions. As a proud part of Iron Mountain Inc., a world leader in the secure management of data and assets trusted by 95% of the Fortune 1000, we are uniquely positioned to protect, connect and activate high-value customer data. We lead the data center industry in highly regulated compliance, environmental sustainability, physical security and business continuity. We collaborate with our 2,000+ customers in order to build and support their long-term digital transformations within our 3.5M SF global footprint spanning 3 continents. For more information, visit www.ironmountain.com/data-centers

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**DATA CENTERS**