

The Sustainable Edge

Turning Compliance into a Competitive Advantage



Contents

03	Regulatory Requirements as Strategic Financial Drivers	\rightarrow
04	Ready for Change: A Breakdown of the Latest Sustainability and Refrigeration Regulations	\rightarrow
11	Connected Ecosystems and Remote Monitoring: The Future of Sustainable Operations	\rightarrow
14	Eco-Savvy Savings: How to Drive Financial Gains with Sustainable Asset Management	\rightarrow
19	Elevate Your Sustainability Program	\rightarrow



Regulatory Requirements as Strategic Financial Drivers

Many businesses recognize environment, social, and governance (ESG) initiatives as vital for the planet, yet view them as cost centers rather than strategic investments.

But as we move into the future of facilities management, environmental compliance is shifting from obligation to advantage. Facilities leaders can leverage ESG regulations not only to remain compliant, but to slash operational costs, extend asset lifecycles, and build a competitive edge that's future-proof.

Strategic investment in ESG initiatives delivers real financial returns. Energy efficiency cuts operating expenses, while remote monitoring reduces costly product loss and prevents equipment failures. And advanced, proactive asset management ensures peak performance across locations to amplify cost savings.

This guide provides a practical roadmap for facilities leaders who are ready to embrace sustainability as a driver of profitability. It explores three key areas:

- Staying ahead of shifting refrigerant and sustainability regulations that impact operations
- Implementing connected monitoring systems that transform environmental data into actionable costsavings insights
- Progressing through the four steps of sustainable asset management to maximize financial returns while meeting compliance requirements

By approaching sustainability strategically — starting with the compliance requirements you have to meet and progressing to comprehensive asset management — you can transform ESG from a cost into a profit center.

Ready for Change:

A Breakdown of the Latest Sustainability and Refrigeration Regulations

Key Takeaways

- New refrigerant regulations affect businesses across all industries, not just traditional sectors like grocery and convenience stores.
- Proactive compliance planning creates financial opportunity, with investments in sustainable refrigerants delivering significant ROI.
- Effective asset tracking and management are essential for both regulatory compliance and cost control.

Heraclitus, the ancient Greek philosopher, famously said, "There is nothing permanent except change." This observation resonates deeply with business owners today, especially as companies face shifting sustainability regulations. These changes are acutely felt in the evolving requirements around refrigerants — critical components in cooling systems that are significant contributors to greenhouse gases (GHGs).

The Challenge:

Navigating New Refrigeration and Sustainability Regulations

Businesses are grappling with the challenge of keeping up with new and complex sustainability regulations, particularly those related to refrigerants. Understanding these regulations and the steps you can take to ensure compliance means you can capitalize on the opportunities they present. This information, presented below, is based on the Environmental Protection Agency's (EPA) proposed rule published in the Federal Register on October 19, 2023.

The New Regulations Shaping Sustainability

<u>California</u>, at the forefront of environmental regulation change, introduced two bills that speak directly to business owners:

- SB 253, the Climate Corporate Data Accountability
 Act, requires companies operating in California with
 revenues exceeding a billion dollars to disclose their
 GHGs comprehensively, starting in 2026. This includes
 not just direct emissions but also those associated
 with their energy use and supply chains.
- The Climate-Related Financial Risk Act, SB 261
 requires businesses with more than \$500 million in
 annual revenues operating in California to detail their
 climate-related financial risks and adaptive strategies
 by 2026.



The term "operating" in these two bills means that businesses with even a single location in California are subject to the requirements.



Beyond California, the <u>American Innovation and</u> <u>Manufacturing (AIM) Act</u>, enacted in December 2020, empowers the EPA to significantly reduce the use of hydrofluorocarbons (HFCs) — potent chemicals used in everything from walk-in coolers to air conditioning systems. <u>The AIM Act not only mandates a gradual reduction in HFC production and consumption but also oversees their management and the adoption of greener alternatives.</u>

The compliance deadlines are tied to a **phasedown schedule**, which requires a reduction in HFC production and use by specific percentages over the coming years. The schedule aims to reduce HFCs by 85% by 2036. The EPA provides allowance allocations to companies to produce or import HFCs, which are adjusted annually based on this phasedown schedule.

If your business relies on HFCs, think of this **<u>phasedown</u>** like a shrinking budget:

- 2022-2023: Your HFC "budget" was reduced to 90% of your typical usage
- 2024-2028: Your budget shrinks to 60%
- 2029-2033: By this point, you'll only have access to 30% of your original HFC allowance
- 2034-2035: Your HFC budget dwindles to a mere 20%
- 2036 and beyond: Your allowable HFCs will be capped at 15% of your initial usage

For businesses everywhere, this signals a clear need to transition away from HFCs and prepare for a future where operating more sustainably is the norm.

The Economic Imperative for Change

Jonathan Tan, co-founder of the <u>Ratio Institute</u> — a 501(c)(3) focused on driving profitability through best sustainability workplace practices within food retail — emphasizes the financial urgency of this transition, "I estimate that refrigerants today cost the industry in North America about \$800 million annually."

Tan, with more than two decades of experience in energy efficiency, emphasizes that the rising cost of HFCs, especially with the AIM Act's phase-down targets, makes sustainable alternatives increasingly attractive.

Tan predicts that the AIM Act will have widespread impact, "The AIM Act is going to impact everybody. The big jump is 79% by 2029, and I expect HFC refrigerants to increase in price by double-digit CAGR (compounded annual growth rate) through 2029."



The AIM Act is going to impact everybody.

Jonathan Tan
Co-founder of the Ratio Institute

The Importance of Asset Management

Tan highlights the importance of asset tracking in light of the pending regulations: "Everyone will be required to track their assets and the respective synthetic refrigerants, if not doing so already."

This means asset management is essential for staying ahead of these changes. It's a strategic approach that involves monitoring refrigerant usage, detecting leaks early, and ensuring systems are running optimally.

The Role of Data in Asset Management

Using Data for Decisions and Automation at Every Step

Getting Started

- · Collect data in asset register
- Add ID tags to assets

Capital Planning

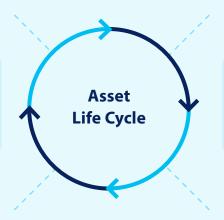
Proactively replace assets before they fail

Real-time Data

- · Connected devices
- · Remote troubleshooting

Strategic Maintenance

Proactive maintenance based on asset conditions



System of Record

 Single source of truth for entire organization

Procurement

Identify reliable, high performance suppliers

Ongoing Updates

- Tag new assets
- Validate data accuracy

Warranty

Avoid unecessary repair costs covered by warranty





These practices not only align with regulatory compliance but also lead to significant cost savings and a reduced environmental impact. Leum Fahey, director of product management at ServiceChannel, adds. "Effective asset management is key to enhancing business sustainability and cultivating a greener brand image."

But it goes beyond simply tracking assets. As Fahey points out, "This approach [to facilities operations] involves the judicious use of resources and insights from data, minimizing energy waste and emissions, and updating outdated equipment with modern, environmentally friendly alternatives."



Any retailer operating large HVAC systems must now manage their refrigerant usage with the same strictness as sectors like grocery and convenience stores.

Leum Fahey

Director of Product Management, ServiceChannel

While these regulations may initially seem daunting due to financial and logistical considerations, forward-thinking business owners see them as an opportunity to optimize operations, reduce costs, and enhance their brand image. Tan is currently working with many small, rural grocers, which are embracing these regulatory changes more than the bigger grocers, perhaps because smaller businesses tend to be more personally invested. "It's literally their money, it's their livelihood on a day-to-day basis," says Tan.

The EPA's Latest Proposed Changes to Refrigerant Management

The EPA has proposed new regulations for refrigerant management, marking the most significant updates since the 1994 Clean Air Act. Here's a breakdown of these major changes:



New Leak Repair Standards

Target: High Global Warming Potential (GWP) HFCs

New Standards: The following leak rates will apply to systems containing 15 lbs. or more of HFCs or their substitutes. For reference, standard air conditioning requires two to four pounds of HFCs per ton of cooling capacity, meaning that even an AC system as small as four tons could fall under this requirement.

- 10% leak rate for comfort cooling systems (e.g., air conditioning)
- 20% leak rate for commercial refrigeration (e.g., grocery store refrigerators)
- 30% leak rate for industrial refrigeration (e.g., cold storage facilities)

Want to learn how Tops Market was able to reduce refrigerant leak rates by 35%? Check out the **full case study**.



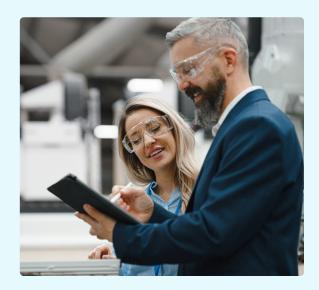
Important Deadlines

Immediate: For systems with 50 lbs. of HFCs or more, businesses have 90 days to start tracking all equipment unless the refrigerant has a GWP of less than 53 (essentially CO2-based systems).

12 Months: For systems with 15 lbs. or more of HFCs, businesses must comply within a year, which expands coverage to over 65% of all HVAC/R equipment.

12 Months (ALDS): All systems must comply with the Automatic Leak Detection System (ALDS) requirements within a year. For example, all equipment containing 15,000 lbs. or more of a refrigerant containing an HFC or a substitute for an HFC with a GWP above 53 (new and existing appliances) will be required to have an automatic leak detector.

These proposed changes aim to tighten control over refrigerant use and leaks, pushing businesses to adopt more sustainable practices. If your business uses refrigeration, it's essential to understand and prepare for these new regulations. As previously noted, even a four-ton central AC system could fall under this mandate, which is roughly what's needed to effectively cool a 2,000-square-foot commercial space. In other words, even smaller businesses have reason to be vigilant.



What You Need to Know — and How to Prepare



How can businesses navigate and prepare for the latest sustainability and refrigeration regulations?

Businesses must adopt a proactive approach to assess current refrigerant use, plan transitions, and comply with new regulations to ensure cost savings and operational efficiency.



Who Will Be Affected?

Any business with refrigeration needs will need to pay close attention to the new regulations. If your business uses a central AC system as small as four tons, you may be affected. And even relatively small walk-in coolers can have a refrigerant charge higher than 15 lbs, depending on the size and type as well as the cooling requirements. Businesses most likely to be affected include:

- · Supermarkets and convenience stores
- Cold storage facilities
- · Distribution centers
- Manufacturers with refrigeration requirements

Companies currently using high GWP refrigerants will be especially impacted. These businesses will be prioritized as regulations evolve, but it's important for all companies to stay informed as standards are likely to expand to encompass a wider array of industries over time. "Historically, we've focused on sectors with a heavy reliance on high GWP refrigerants, but with recent regulatory shifts, any retailer operating large HVAC systems must now manage their refrigerant usage with the same strictness as sectors like grocery and convenience stores," says Fahey.



What to Expect?

- Phasing Out High GWP Refrigerants: There will be a gradual requirement to transition from high GWP refrigerants to those with a lower environmental impact.
- Stricter Leak Monitoring and Repair:
 Enhanced inspections and repair protocols
 will be implemented to minimize emissions.
- Mandatory Record-Keeping and Reporting:
 Detailed documentation of refrigerant usage and management will be required.
- Potential Equipment Upgrades: While not immediately mandatory, it is advisable for companies to consider upgrading older, inefficient units to better comply with upcoming standards and optimize energy usage.



How to Best Prepare?

- Proactive Approach: Assess your current refrigerant use, and complete an asset inventory (e.g., maintenance costs; value on books; annual refrigerant costs; and a full inventory of gas charge, gas type, and leak rate) to get ahead of regulatory deadlines.
- Expert Consultation: Engage with energy and sustainability consultants to ensure you meet compliance requirements and identify opportunities to save energy.
- Budget Planning: Set aside funds for potential equipment upgrades or replacements to stay aligned with new environmental guidelines.
- Staff Training: Train your team in proper refrigerant handling and leak detection techniques to reduce environmental impact and comply with stricter regulations.

Embracing Change for a Competitive Edge

The shift towards operating more sustainably isn't just about meeting new regulations — it's about securing a competitive advantage in a rapidly changing landscape. By proactively addressing these regulations, businesses can position themselves as leaders in environmental stewardship while reaping the benefits of cost savings and operational efficiency.



This benefits the environment and aligns with the expectations of consumers who favor responsible businesses — it can lead to increased revenue by appealing to eco-conscious customers and reducing operational costs.

Leum Fahey

Director of Product Management, ServiceChannel



Connected Ecosystems and Remote Monitoring:

The Future of Sustainable Operations

Key Takeaways

- Remote monitoring transforms complex facility data into actionable insights that drive both sustainability and operational efficiency.
- Connected ecosystems prevent costly downtime, reduce waste, and ensure regulatory compliance across your locations.
- Implementing remote monitoring now provides immediate operational benefits while positioning your business for future sustainability requirements.

The Rise of Connected Ecosystems

A connected ecosystem refers to a network of interconnected devices and systems that communicate and collaborate to achieve common goals. In facilities management, this means integrating various building systems — such as HVAC, lighting, security, and refrigeration — into a cohesive, intelligent network. This integration allows for seamless data exchange and real-time monitoring, enabling facility managers to make informed decisions and optimize operations.

What is Remote Monitoring?

Remote monitoring is a critical component of connected ecosystems. Using sensors, IoT devices, and cloud-based platforms, it tracks and manages the performance of building systems from a distance. It allows facility managers to monitor various systems, such as HVAC, lighting, security, and refrigeration, in real-time, ensuring optimal performance and quick resolution of issues. But monitoring is not restricted to just facility managers. Many organizations have energy teams, such as refrigeration bureaus, that monitor the cloud-based platforms on behalf of a facilities team. These providers are empowered by the facilities team to handle adjustments, remote monitoring, and troubleshooting.

Why is Remote Monitoring Important?

Leveraging remote monitoring allows you to:

01 Gain Efficiency

Reduce downtime and enable proactive maintenance with real-time insights into system performance.

02 Realize Cost Savings

Detect issues early to prevent costly repairs and extend the lifespan of equipment.

03 Operate More Sustainably

Better manage energy consumption and reduce waste to support sustainability goals.

04 Avoid Costly Losses

Prevent the spoilage or misplacement of critical items like prescription medications and frozen goods.

05 Confirm Compliance

Ensure systems comply with safety standards and regulations, which are particularly important for refrigeration systems.



The future of remote monitoring is already here with the Internet of Things (IoT). <u>Learn more</u> about the tech that's enabling more facilities leaders to implement predictive and proactive asset maintenance.

Who Benefits from Remote Monitoring?

Remote monitoring offers significant advantages to a wide range of businesses across various industries. It's not just limited to a few sectors; the benefits extend to many different types of facilities and operations. Here are just a few.



Retail Chains

For retail chains, remote monitoring ensures that HVAC, lighting, and refrigeration systems are running efficiently. This not only helps in maintaining a comfortable shopping environment but also reduces energy costs and prevents potential equipment failures that could disrupt operations.



Cold Storage Facilities

In cold storage facilities, maintaining precise temperature control is crucial. Remote monitoring allows for real-time tracking of temperature and humidity levels, ensuring that perishable goods are stored under optimal conditions. This helps in reducing spoilage and waste, contributing to both cost savings and sustainability.



Manufacturing Plants

Manufacturing plants benefit from remote monitoring by keeping a close eye on machinery and equipment performance. This proactive approach helps in identifying issues before they lead to costly downtime, ensuring smooth and efficient production processes. Additionally, it aids in energy management, reducing overall consumption and environmental impact.



Office Buildings

For office buildings, remote monitoring enhances the management of HVAC, lighting, and security systems. This leads to a more comfortable and secure working environment for employees while optimizing energy usage and reducing operational costs.

When Should Remote Monitoring Be Implemented?

Short answer? As soon as possible. With the <u>increasing demands</u> of ESG compliance and the need for sustainable operations, integrating remote monitoring into your facilities management strategy can provide immediate and long-term benefits.



IoT remote monitoring is like a sustainability compass, transforming complex environmental data into actionable insights that turn corporate responsibility from a checkbox into a competitive strategy.

Brad Howard

Product Manager, ServiceChannel



Where Is Remote Monitoring Applied?

Remote monitoring can be applied to various building systems, including:

- HVAC systems
- Lighting systems
- · Security systems
- Refrigeration systems

By integrating these systems into a connected ecosystem, businesses can achieve seamless data exchange and real-time monitoring.

How Does Remote Monitoring Work?

Remote monitoring works by using sensors and IoT devices to collect data from building systems. This data is then transmitted to a cloud-based platform, where it is analyzed and used to generate insights. Facility managers can access this information remotely, allowing them to monitor performance, detect issues, and make more informed decisions.

Step Into the Future of Facilities Management

Remote monitoring is a powerful tool for modern facilities management. By understanding its value, businesses can better appreciate the technology's role in driving efficiency, sustainability, and compliance. As we move forward, embracing remote monitoring and connected ecosystems will be essential for staying ahead of regulatory changes and optimizing operations.

Eco-Savvy Savings:

How to Drive Financial Gains with Sustainable Asset Management

Key Takeaways

- Sustainable asset management delivers measurable financial returns that increase with each stage of asset maturity.
- Implementing sustainability initiatives enhances customer loyalty while reducing operational costs across your facilities.
- Data-driven sustainability transforms ESG compliance from a checkbox into a strategic business advantage.

Sustainable asset management is proving to be a financial strategy as much as an environmental one. Facilities teams that implement sustainability practices are seeing measurable returns through reduced energy consumption, extended asset lifecycles, and more efficient, cost-effective maintenance planning. We've explored environmental considerations and <u>regulatory requirements</u> affecting facilities management. And there are a lot more on the horizon to track.

In New York state alone there are four new regulations affecting HFC prohibitions, bulk regulated substances prohibitions, refrigerant management programs, and supermarket refrigerant programs. Similar requirements are being implemented in Washington, New Jersey, Massachusetts, Delaware, and California.

But staying compliant, while important, may not be the most compelling reason to embrace sustainability and ESG initiatives — especially for budget-conscious executives that facilities leaders often must appeal to when developing operations strategies. A more compelling case? Sustainability doesn't have to be a financial burden. With the right eco-friendly foundation in place, sustainable facilities actually can help reduce operating spend and drive long-term value for multilocation businesses.

And as your business evolves its asset strategy — in other words, how advanced and effective your entire facilities ecosystem is — the more ESG can increase your financial gain.

At lower levels of facilities <u>asset maturity</u>, sustainability efforts may feel like isolated initiatives or added expenses. But as organizations evolve toward more advanced levels of operational maturity, sustainability becomes integrated into broader cost-saving strategies. Rather than being a budget drain, it becomes a lever for long-term value — reducing energy use, extending asset life, and supporting smarter capital planning.

When sustainability is built into a mature, data-driven facilities program, it stops being a compliance checkbox and starts becoming a strategic advantage.



4 Key Steps to Asset Maturity





Gather Asset Data

- Capturing data from locations
- · Import data from other systems

02 PROGRESSING



Track Service History

- Asset register in ServiceChannel
- · Tracking assets on work orders
- Visibility to total cost of ownership

03 EXCELLING



Asset Management at Scale

- Utilizing SC Eco System (providers, mobile tools)
- Ensuring Asset Registry Precision
- · Accurate Cost Ownership

04 LEADING



Predicitve Asset Management

- · Being Proactive
- Leveraging Integrations
- Making data driven decisions

Turning Sustainability Requirements into Business Opportunities

For businesses operating across the U.S., it's imperative to keep track of these evolving regulations in order to avoid fines and other consequences. But compliance and broader sustainability can also have an unexpected benefit: driving your return on investment (ROI).

The financial benefits of sustainable asset management go well beyond initial expectations — from lowering operating spend to extending the life of equipment. This combination of customer loyalty, regulatory compliance, and operational efficiency creates a powerful business case for sustainability as you follow the path toward sustainable asset management.

That path is progressive, with positive impacts on budget realized at every step. And this framework applies across industries — from retail chains managing refrigeration assets to restaurant operators optimizing HVAC systems to healthcare facilities ensuring continuous operations for critical equipment.

And that's not all. Implementing eco-friendly initiatives is a known loyalty builder, with <u>55% of Americans</u> who say a lack of commitment to sustainability would cause them to stop using the brand.

Businesses that will thrive amid evolving regulations are the ones leveraging sustainability practices to their advantage — reducing costs, extending asset lifecycles, and gaining a competitive advantage. Let's examine how those financial returns take shape across each step.

STEP 1

Building the Foundation for Sustainability ROI

The path toward sustainable asset management begins with a simple but powerful step: documenting what assets make up your fleet across all locations. This foundation optimizes operations and establishes the data framework necessary for measuring and improving your environmental impact. At this early phase, focus on creating a comprehensive inventory of mission-critical assets to capture essential details like equipment type, location, brand, model, and age.

This can drive immediate financial and sustainability impact by revealing which assets are under warranty — helping you avoid unnecessary service costs — and by identifying equipment with high environmental impact, such as refrigerant-containing units, so you can prioritize sustainability upgrades alongside routine maintenance.

With proper asset documentation, your team will have access to the data needed to determine when to repair versus replace assets, and it can help you factor in environmental responsibility. This prevents both premature waste generation from unnecessary replacements and the extended operation of inefficient assets that consume excess energy and resources.



Refrigerant Tracking: Your ESG Entry Point

Refrigerant tracking can be the ideal entry point for your sustainability program. New regulations like the <u>AIM Act</u> now require more businesses to track refrigerants, creating an opportunity to build sustainable practices while avoiding costly fines.

Finally, thorough documentation creates the baseline metrics essential for ESG reporting and improvement tracking. As sustainability requirements tighten across industries, having this data positions you to demonstrate progress toward environmental goals while optimizing maintenance scheduling. This enables you to make data-driven replacement decisions and better allocate resources across your business.

What was once limited to grocers and convenience stores now applies much more broadly. Now any business with HVAC systems containing just 15+ pounds of a refrigerant needs to track refrigerant use. This includes retailers, restaurants, and healthcare facilities.

Luckily, implementing a refrigerant tracking system creates the exact infrastructure you need for broader ESG initiatives. The data collection, approval workflows, and provider management can easily extend to include other environmental metrics and cover other assets that don't have refrigerants.

By addressing refrigerant tracking, you're tackling a sustainability challenge with clear operational benefits. When you effectively manage refrigerants, you can better control maintenance costs while building positive environmental practices that can grow with your business.

STEP 2

Connecting Sustainable Assets to Financial Performance

With your asset inventory established, you're ready to uncover connections between maintenance activities and specific equipment. This critical step reveals trends and patterns that were previously invisible.

By tracking each repair against individual assets, you'll uncover which equipment truly costs more to maintain. This data transforms generic budget line items into specific insights about asset performance, helping you identify the best candidates for energy efficient upgrades or replacement.

A connected data approach also supports sustainability reporting. When maintenance activities are linked to specific assets, you gain visibility into the environmental impact of your operations beyond just compliance requirements, creating meaningful metrics for ESG reporting.

What was once limited to grocers and convenience stores now applies much more broadly. Now any business with HVAC systems containing just 15+ pounds of a refrigerant needs to track refrigerant use. For reference, standard air conditioning requires two to four pounds of HFCs per ton of cooling capacity, meaning that even an AC system as small as four tons could fall under this requirement. This new standard now applies to retailers, restaurants, and healthcare facilities.

Luckily, implementing a refrigerant tracking system creates the exact infrastructure you need for broader ESG initiatives. The data collection, approval workflows, and provider management can easily extend to include other environmental metrics and cover other assets that don't have refrigerants.

By addressing refrigerant tracking, you're tackling a sustainability challenge with clear operational benefits. When you effectively manage refrigerants, you can better control maintenance costs while building positive environmental practices that can grow with your business.

Want to explore how Staples Canada successfully embraced sustainability and energy efficiency? Listen to "High Impact Brands Embrace Sustainability and Community" from our podcast, Elevating Brick and Mortar.

STEP 3

Leveraging Data for Strategic Sustainability

At this stage, asset maturity transforms from basic tracking to a strategic advantage. You'll be able to move beyond simply collecting data to validating it and using it to drive meaningful business decisions.

Asset validation is the competitive edge that will drive continued ROI for your business. Instead of struggling with mismatched work orders and servicing, you know that the right asset is being serviced every time. That means you can reduce — if not eliminate — costly errors that impact business operations at individual locations and across the organization. It also sets you up to build the foundation you need for thorough compliance reporting and strategic budget planning.

With reliable asset data, you can track specific environmental metrics across equipment types and for individual assets. These metrics could be energy consumption patterns, refrigerant types and quantities, or any other data that will help you stay compliant and identify strategic areas for cost and energy improvement. You can even pinpoint which specific equipment upgrades will deliver the best returns for both operations and your ESG program, boosting ROI and reducing your carbon footprint.



Proactive Sustainability Through Predictive Asset Management

When you reach the most advanced stage of asset maturity, your sustainability program can evolve from reactive to proactive. You'll be in the position to no longer just respond to issues as they arise — you'll be able to prevent them before they impact your bottom line and environmental footprint. By this stage, you've built a strong, sustainable foundation with your comprehensive asset inventory, connected work orders, and validated data, which all now become essential inputs for the final step: predictive analysis.

Leveraging advanced technology like IoT can help maximize your ROI. IoT enables connected sensors that continuously and remotely monitor asset performance, detecting subtle changes that human observation might miss. That could be an asset running slightly slower than normal, an environment a couple of degrees hotter than it should be, or an asset using more energy than typically required. This real-time data feeds into predictive algorithms powered by machine learning and/or artificial intelligence (AI) that alert you to potential failures before they happen.

The environmental advantages of predictive analysis can have a wide-reaching effect. By addressing issues before they lead to outages, you no longer risk emergency situations that can result in refrigerant leaks or energy waste. When you don't have to deal with these scenarios, you can reduce emissions and improve asset uptime.

The financial impact also reaches its peak at this stage. Beyond the savings from preventing product loss due to downtime and higher cost of emergency servicing, you're able to optimize asset lifecycle for peak performance with unmatched precision. That means every decision you make is data-driven and aligned with your business goals.

Sustainable asset management can actually boost financial returns, especially as you advance through each stage of asset maturity. From basic inventory to predictive analytics, each progression strengthens both environmental performance and your bottom line.





Elevate Your Sustainability Program

Environmental regulations will continue to evolve, creating new compliance requirements for facilities leaders — but also creating new opportunities for growth. By progressing from regulatory understanding to connected monitoring to mature asset management, you can create a sustainability program that drives real results for the business, even beyond facilities.

Achieving these results requires the right approach and the right partner. ServiceChannel provides the advanced technology, wide industry expertise, and dedicated support you need as your ESG strategy evolves.

□ ServiceChannel

→ Schedule a demo today to learn how ServiceChannel can help you boost your facilities sustainability, efficiency, and ROI.

