



amcs⁺

AMCS Platform Winter 2024

release highlights



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Overview

The AMCS Platform Winter 2024 Release

Delivering Performance Sustainability – a strategic focus that empowers foundational industries to be both sustainable and profitable.

Here you will find a summary of the key feature highlights of this release including:

- Winter Release Overview – Key Themes
- Key Feature Highlights and Customer Business Value

The Winter 2024 Release demonstrates our continued commitment to a digital transformation that drives both improved business performance and sustainability outcomes for our customers.

key themes

01

Advancing Sustainable Cities & Communities – Launch of AMCS Platform for Residential Services & Green Fleet Automation

02

Automating the Circular Economy and Advanced Recycling

03

Sustainability that Delivers Business Value Beyond Compliance



summary of the three key Winter 2024 release themes

01

Delivering Sustainable Cities & Communities – Global Launch of AMCS Platform for Residential Services

AMCS Platform for Municipalities is a new comprehensive solution that enables municipalities and their service partners to automate and digitize every aspect of their operations in providing waste and recycling services to residents, from onboarding and service definition to service delivery and management. Future releases will also be used by private haulers to service their base of residential direct subscribers.

It represents a purpose-built solution for municipal and residential services, built on the strong technology foundation of the AMCS Platform and designed to drive greater efficiency, service, and sustainable outcomes for operators.

02

Advancing Recycling and the Circular Economy

New Recycling and Circular Economy Innovations including:

- Trading-centric automation for material sales, purchases, brokerage, and export
- Material sampling to support Extended Producer Responsibility legislation
- Digital trade payments processing for both material purchases and sales
- Extended supply chain administration automation including notifications and documentation (e.g. Annex VII)

03

Sustainability Delivering Business Value Beyond Compliance.

Launch of Sustainability Intelligence solution

All-in-one platform offering both EHS and ESG solutions to provide all kinds of companies with purpose-built automation and insights to help companies to drive impactful sustainability action. All relevant EHS data is available seamlessly in the platform for both compliance reporting and sustainability programs.

Delivering Sustainability via AI:

New AI power automation across the Sustainability Intelligence solution.

CSRD (Corporate Sustainability Reporting Directive) readiness

for our Sustainability Platform simplifies compliance, making time for driving impact and business value by utilizing features such as:

- Double Materiality Assessments
- ESRS Frameworks with AI Assistant Support
- Enhanced Scope 3 Emission Factors with Machine Learning support
- ESRS reporting with digital tagging following the XBRL taxonomy.
- Extended Multi-Lingual support (English, French, Italian, Spanish, German & Dutch)

theme 1

Delivering sustainable cities & communities – launch of AMCS platform for residential services

Introduction

AMCS Platform for Residential Services is a single platform solution that enables municipalities, their service partners, and private haulers to automate and digitize every aspect of their operations in the provision of waste and recycling services to residents. The goal is to provide a complete and integrated solution with maximum automation to increase operational efficiency, maximize customer service, and drive both service and sustainability at each step in the process. The solution can be viewed in three discrete but connected areas; Service Definition/Onboarding, Service Delivery (Logistics) and Service Management. The Winter Release focuses on delivering foundational functionality in the first two areas and below we will highlight some key functionality in each area.

KEY FEATURES

Service definition and onboarding

Account On-Boarding

There is a new automated function to bulk load new account data properties on to the system and this data can be sourced from multiple sources such as tax systems and property registrars. There is also extensive automation and data validation support for ongoing changes to accounts after they have been set up.

Service Package Definition

The new service package concept allows the operator to bundle service types such as door to door (curb side) services, shared public containers, bulky and mobile collections, and recycling centre visits etc., into a standardized service package for an operational area and a building type.

Platform automatically assigns standard service packages to new accounts depending on the resident's operational area and building type. Service packages contain the work orders, container type and quantity, material, service frequency, (and pricing if required) to auto generate work orders for an account.

Container Management

This module provides real-time control and insight into all dimensions of container inventory. This data includes count of containers by size, types, location, service activity and availability for deployment. There is new support for shared public containers which are provided for multiple residents to use.

This release provides a new feature to manage the resident service passes used to access shared containers.

Service Delivery (Logistics)

The solution provides a suite of integrated transport modules that have been purpose built for use for municipal and residential operations to automate the planning, optimization, execution, and validation of all collection routes. The following showcases some of this new Muni-specific functionality.

Master Route Management

The Master Route Management Module (MRM) assists in planning and sequencing stops for regularly recurring routes. A new feature introduces "route street segments", simplifying planning for high-density areas by dividing routes into segments based on nearby streets. This saves time and effort as planners handle segments instead of individual stops. New stops automatically join the correct segment, and these segments are displayed on maps for both drivers and planners.

In the Winter Release, we are extending the use of Master Routes across Smart Dispatch, driver mobile and Transport Live.

Rostering

A new resource management calendar has been introduced to track the availability of staff and vehicles for route shifts. This tool aids in rostering by assigning staff and vehicles to shifts and routes based on factors such as availability, operational needs, vehicle distinctions, and staff certifications.

theme 1

Business value of the AMCS platform for residential services

Purpose-built for Residential Services

Designed from the ground up for municipalities, built on the foundations of the Platform, and leveraging our 30 years of experience in this sector. This is reflected in new features such as support for service package definition, new service types (recycling centers, shared containers, etc.), route segments, driver resource management, etc.

End-to-End Solution

Our goal is to provide the most complete solution to support integrated, automated, and optimized process management across operations. We aim to eliminate disjointed processes and minimize the complexities of a multi-vendor solution. Our scope includes onboarding and service definition, service delivery and logistics, and all aspects of service management.

Automation at Scale

We are delivering superior automation across all operations, with superior user experience, processes, and workflows to run operations fast and lean. This is particularly important given the large datasets (high numbers of residents, containers, service types, and materials). This automation delivers great user experiences that reduce administration overhead for operators and maximize self-service for residents.

Agility as Standard

We are helping municipalities become more responsive to market and customer demands and business opportunities as they design, standardize, and customize new service package types.



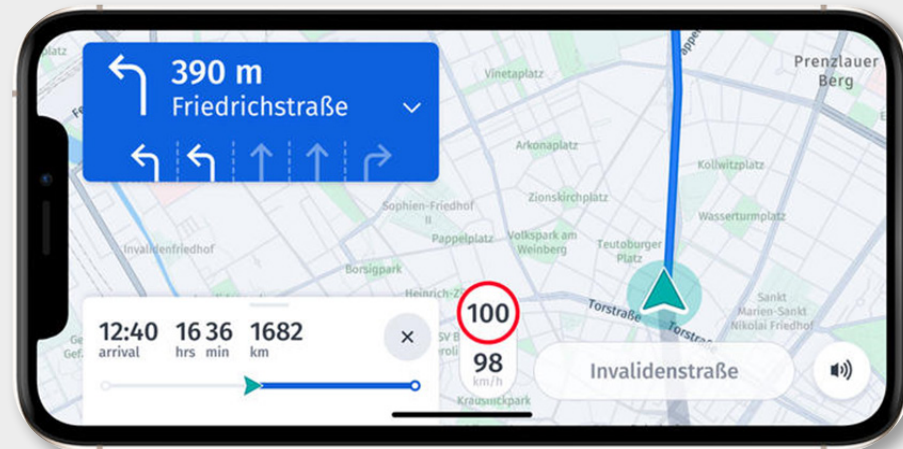
theme 1

HGV Navigation

The new HGV Navigation system offers advanced routing for heavy goods vehicles through a mobile app and custom truck profile settings. It considers truck specifications, environmental restrictions, and road conditions to provide efficient, safe routes, offering turn-by-turn instructions and automatic rerouting.

Business value

Includes increased safety and productivity, as the system helps avoid hazards, allows efficient planning, and facilitates the onboarding of new drivers with language customization. It also reduces costs by effortlessly managing daily routing issues due to road and traffic restrictions.



HGV Navigation offers the safest and advanced routing

theme 1

New features for transport

Residential - team rostering and time recording

The release provides purpose-built automation for the efficient rostering of transport crews (drivers and helpers) on residential routes to ensure that planners can plan over the medium term to have the requisite number of crew available for each route.

The rostering automation uses the rich route data already recorded in our master routes which represent the recurring daily routes. Each master route has a defined expected time to complete, number of lifts, distance, crew resource requirement as well as some contingency for different seasons.

It also takes into consideration labor regulations of the work and route. With this automation, scheduling is done months in advance instead of daily, streamlining operations.

Business Value

Its purpose-built automation makes the task of municipal and residential daily crew resourcing easier and more precise,

enhancing service delivery and ensuring compliance with labor regulations.

Municipal Transport Crew Time Recording

Our new mobile app ensures efficient recording of transport crews' work hours, including conditions like overtime and holidays. The app helps operators of municipal contracts maintain accurate records for staff reimbursement and municipality charging, ensuring compliance with local labor laws. The automation records and validates crew hours, providing documentation to support standard and surcharge billing.

Business Value

This automation facilitates accurate reporting of working hours by transport crews to deliver accurate remuneration. It ensures compliance with labor regulations and provides documentation to the municipality to ensure full charging for any additional work outside the standard contract. Ultimately, it automates the administration burden necessary to ensure efficiency, financial accuracy, and compliance in municipal operations.

Transport Validation

The Transport Validation work center reviews route and schedule work to provide a means to view high-level summary KPIs (e.g. planned versus actual lifts) to drill down to exceptions requiring financial charges and/or corrective actions.

These enhancements include support for the following:

- Bulk resolution of route exceptions (applying expected weights, missed reason codes etc.)
- Resolution of exceptions caused by driver mobile failures
- Improved user experience to boost productivity (e.g. filtering by team boards)
- Reviewing and confirming additional secondary changes initiated by the drivers
- Actioning callouts for missed collections.

Business Value

The transformed Transport Validation work center makes it easier to perform route validation and to rapidly identify and resolve exceptions, thus protecting against revenue leakage and service failures

theme 1

Vision AI enhancements

Vision AI QR capability reading to support faster time to value

Customers can now create QR codes that can be affixed to containers with these codes containing the customer ID, address, waste type, etc. Vision AI reads these QR codes and links any detected exception such as contamination to individual customers. This enhancement of linking containers to customers via QR codes will make it easier for both AMCS Platform and non-Platform users (Tower, Trux, and third-party solutions) to benefit from the power of Vision AI as it is relatively straight forward to create unique QR codes based on this data.

QR codes are also easier and cheaper to deploy on containers than alternative RFID chip-based or GPS-based identifiers. Vision AI can use the QR code data to export the relevant charges and images in any integration to an AMCS ERP solution (Tower, Trux, etc.) or any third-party solution.

Business Value

This approach reduces the time to value for any investment in Vision AI as it's easier for customers to deploy these QR codes on containers than alternative solutions and this customer container linking facilitated by QR codes means that Vision AI can send the necessary customer/container linked charges and images to any destination ERP solution.

Vision AI Enhancement for Larger Containers service by REL

Vision AI support for detecting exceptions has been extended from Front End and Side Loaders to now include Rear End Loader support for larger containers. For larger containers serviced by REL vehicles, multiple images from different angles need to be captured for each load to allow the AI engine to score and detect exceptions such as contamination. This innovation has been deployed in the field and is proving very efficient in detecting contamination in larger containers.

Business Value

The detection of contamination in larger containers is problematic as it often requires multiple images to detect and evidence contamination. This is now possible, and it can be used to provide the evidence to engage with customers to improve the quality of their recyclables as well as triggering charges for contamination.

View short animation on Vision AI [here](#).

“

At PSSI, we are always looking for innovation to add value to our services for our customers and deliver on our shared mission of sustainability. AMCS Vision AI will improve the quality of recyclables collected, allowing us to work with our end clients to educate and advise them on improving the material that they are presenting and avoiding contaminants.

Andrew Pellegrini,
Vice President & General Manager,
PSSI



theme 1

Fleet Maintenance enhancements

Extended Telematics Support on AMCS Fleet Maintenance

We're enhancing our Fleet Maintenance solution to use telematics data, obtained from various providers, to trigger work orders and inspections based on vehicle health rather than time intervals. This release enhances our interactions with telematics providers like Geotab, Samsara, Motive, Mix, and AMCS Telematics for automated meter readings and with new eDVIR support for Samsara.

Business Value

This approach allows early detection of possible issues, avoiding bigger damages and costs, minimizing downtime, and cutting unnecessary maintenance expense. From a sustainability viewpoint, it lengthens vehicle lifespan and enhances safety through real-time monitoring.

AMCS Financials Integration

AMCS Fleet Maintenance now integrates seamlessly with AMCS Financials. This automates the transfer of granular cost data related to parts, labor etc. to our financial system of record without the need for any manual intervention. This provides a better understanding of fleet maintenance spend and makes it easier to budget, plan and allocate resources effectively. It avoids the need for any re-keying of data, boosting efficiency and avoiding errors and administrative effort.

Business Value

The integration enables fleet managers and financial staff to directly track operational expenses for accurate financial records and budgeting. It facilitates insights into maintenance costs, aiding decisions like vehicle repair or replacement. Additionally, it allows matching of maintenance costs against fleet revenue, helping identify the most profitable vehicles and contracts.

Fleet Maintenance Integration with Lubricant Analysis

Automated lubricant analysis is integral to fleet maintenance as it aids in early detection of wear, contamination, and engine issues. Our system schedules and automates lubricant tests, which are integrated into regular maintenance workflows. This results in proactive maintenance, reducing major repairs and frequency of oil changes, and extending the lifespan of the fleet.

Business value

Automated lubricant analysis provides early issue detection, optimized maintenance schedules, cost savings on repairs and downtime, improved fleet performance, and sustainability through the conservation of oil resources and reduced disposal.

theme 1

Report Scheduling and Asset Warranty Enhancements

Report Scheduling Enhancements – Sharing insights across the business

This new feature allows the creation, editing and scheduled distribution of reports to stakeholders which may not have direct access to the Fleet Maintenance solution. This ensures that key stakeholders across departments have the information, make informed decisions, and boost operational efficiency. For example, typical reports to be distributed across departments might include weekly part spend, daily maintenance hours, weekly fuel usage etc. All reports are fully editable in terms of the content, frequency, distribution list and date of distribution. All of which are customizable and automated, saving time for staff.

Business Value

Creating, scheduling, and distributing Fleet Maintenance reports to non-Fleet Maintenance users enhances decision-making, collaboration, transparency, and compliance, while saving time and offering customizable, timely data for better strategic planning and operational efficiency.

Asset Warranty Credit

A warranty credit in the context of fleet maintenance refers to a credit provided by the manufacturer or dealer when a truck repair is covered under warranty. Credit work orders can now be used for issuing a warranty credit to an asset when the warranty is received from a manufacturer or dealer. Additionally, they can be used for making an edit to an asset after the financial transaction has been created, for instance after a work order has been closed.

Business Value

It provides the necessary automation to process warranty credits, ensuring that this is done correctly and reflected accurately in your financial records. It provides flexibility to revise the warranty credit amount when the actual cost is different from the original anticipated cost.



theme 2

Advanced Recycling for the Circular Economy

KEY FEATURES

This release continues to build on the advanced recycling foundations of the Platform to position customers to benefit from the emerging circular economy.

It places the needs of the commodity trading team at the center of new purpose-built automation workflows to support better-informed trading and more efficient logistics automation delivering efficient order fulfillment.

Contracted Sales Inventory Position

A new Inventory Position displays the sales inventory position by outlet based on contracted sales and identifies long or short positions by material types allowing the trading team to take immediate action, especially in the case of a short position indicating a negative inventory status.

Enhanced Trading Support – Insights Meeting Actions – New Weekly Workboard

A new Weekly Workboard provides traders with a single, intuitive view of the real-time status of all material buy and sell order activities where insights allow them to take quick actions to support efficient order fulfillment. Briefly, they can pinpoint any open items (delayed payments, jobs not yet scheduled, pending destination weights, grading confirmation dependencies, etc.) and perform many quick actions (edit job details, flag high-priority jobs, etc.) on the workboard screen while making it easy to navigate across the Material Management work center.

Material	Contracted Weight	Average Sales Price	Inventory In Transit	Inventory On Hand	Average Cost	Current Position (Weight)
Copper Cable 20%	12	\$60.00 / Kg	0	21	\$50.00 / Kg	9
Plastic	40	\$51.00 / Ton	20	82	\$41.00 / Ton	62
Aluminum	25	\$60.00 / Kg	0	15	\$50.00 / Kg	-10
Feed Waste	36	\$51.00 / Ton	0	21	\$41.00 / Ton	-15
WCE 11	33	\$60.00 / Kg	20	66	\$50.00 / Kg	33

Customer	Customer Site	Order Number	Contracted Weight	Average Sales Price
Premier Contractors Pte Ltd	Site 1	SNF 23 H	11	\$60.00 / Kg
Precision Contractors Pte Ltd	Site 2	SNF 57 P	11	\$51.00 / Ton
Paramount Construction Pte Ltd	Site 3	SNF 4865 Y	11	\$60.00 / Kg

Outlet	Inventory In Transit	Inventory On Hand	Average Cost
Premier Outlet Pte Ltd	5	22	\$60.00 / Kg
Precision Outlet Pte Ltd	5	22	\$51.00 / Ton
Paramount Outlet Pte Ltd	10	22	\$60.00 / Kg

Inventory Position Dashboard

theme 2

Extended Supply Chain Administration Automation

Carrier Notifications

A new automated message notification service makes it easier to send email instructions to third-party haulers for single and/or consolidated buy-and-sell order jobs. If job details are edited, then a revised notification is automatically generated to be sent to the hauler. This keeps carriers updated in real-time, boosts efficiency, and reduces administration workload.

ASN (Advanced Shipping Notices) Support

ASN can now be added to incoming material order details from suppliers as they contain details of material, weight, carrier, etc. and help with accurate reception of the material and inventory position management. Similar ASN support is also available on outbound material orders to provide such information to the destinations receiving operation.

Outbound Weight Specifications

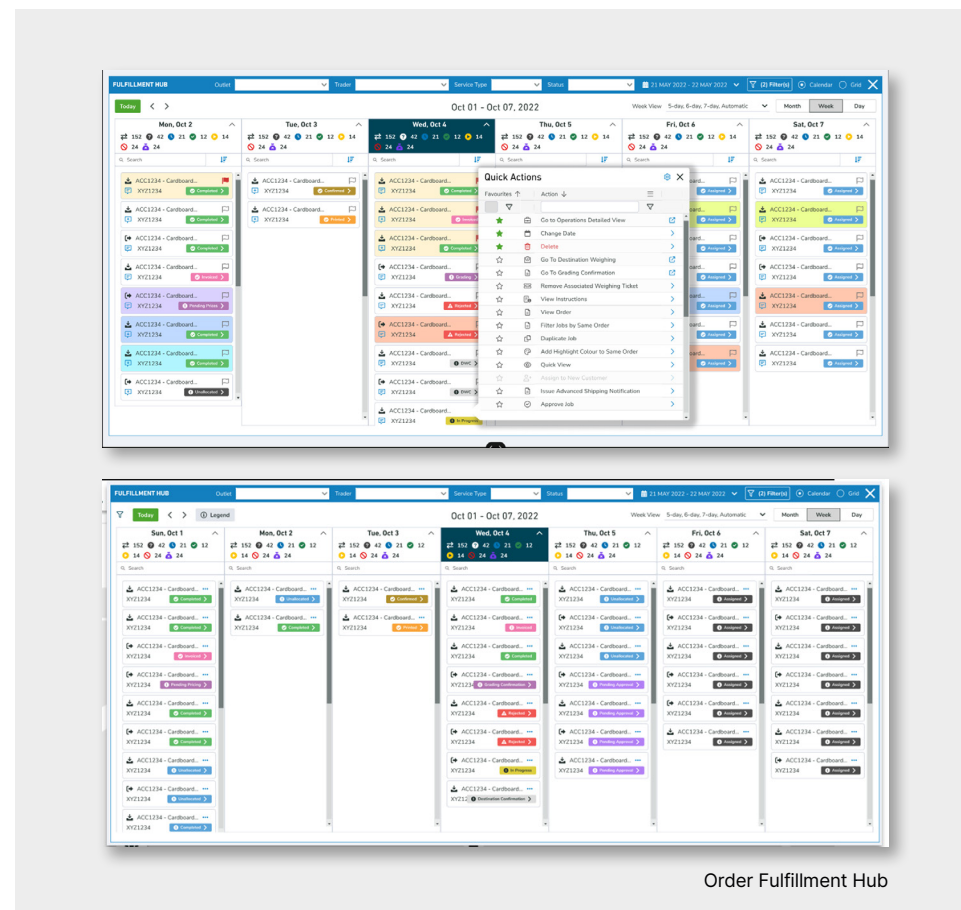
A new feature also allows the specification of outbound load weights by material, vehicle, and container type to support the efficient loading of outbound jobs.

Digital Trade Payments Support

AMCS Pay – Digitalization of Supplier Disbursements

Recyclers can pay suppliers for materials with conventional methods such as cash, cash at an EZcash ATM, and check as well as a new range of real-time digital payment channels such as paying with debit cards, pre-paid credit cards, and a variety of digital wallets. These digital payment channels are provided by AMCS Pay and they provide lower-cost and higher-efficiency alternatives to cash and manual payments. They reduce the requirement to manage cash for supplier disbursements, reduce security/fraud risks and handling costs, and facilitate rapid accounting and reconciliation.

Download the [solution sheet](#) and watch our [animation](#) here.



Order Fulfillment Hub

theme 2

Supply chain administration automation

Immediate and Deferred Pay- Pay Multiple Invoices at once.

Cashiers can now pay suppliers for materials received and multiple invoices can now be settled in a single payment transaction either immediately or on a deferred (e.g. weekly basis).

IP Camera – Image Capture at Truck and Floor Scales

This feature captures and stores images from an IP camera at the time of retrieving weight from both truck and floor scale indicators to deliver assured compliance with local regulations.

EPR Sampling Support

Our new EPR sampling automation facilitates insights into material characteristics, crucial for improving resource efficiency. It lets operators set inspection rules based on multiple factors and supports data recording by weight or percentage. Available both on desktop and mobile, this tool complies with UK regulations and can be adapted for other jurisdictions and types of load inspections.

Other Enhancements

- 'Weigh only' truck scale tickets are now supported to document internal transactions that require a weight but where there are no implications for charging or inventory updates.
- Annex VII transport documentation is now generated for moving green listed materials from one European country to another. Once a load is ready to ship, users can print, download, or email the Annex VII document. It can be printed for the entire load or by material and can be issued in the language of the origin, destination, and transit countries for each export job. The new feature delivers both operational efficiency and compliance with EU regulations.
- Multiple EWC codes can now be configured per single Material Profile to comply with various national legislative requirements.

Image Capture at Truck and Floor Scales

theme 2

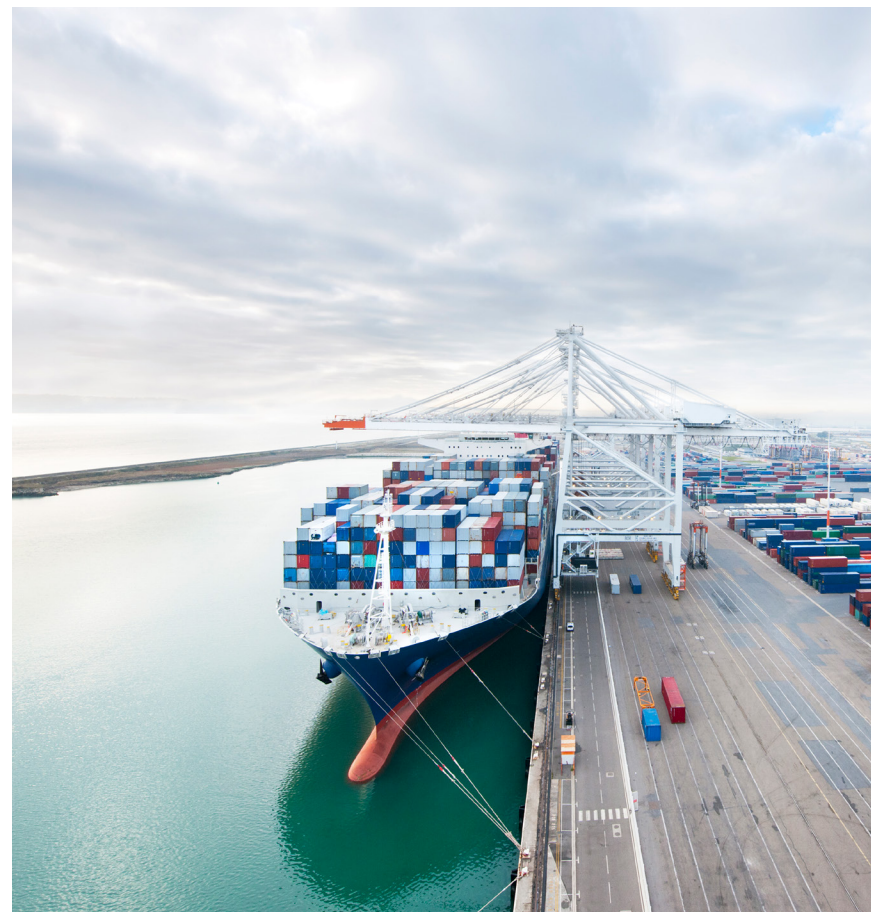
Business Value Summary

The trader-centric design means that enhancements such as the Contracted Sale Inventory Dashboard and the Weekly Dashboard deliver the trading team with insights and the ability to perform quick actions to ensure efficient order fulfilment.

Supply chain administration has been fully automated with the addition of Advanced Shipping Notifications, Carrier Notifications, Annex VII documentation, and Outbound Load Weight specifications. This increases collaboration with both internal loading staff and third-party carriers and reduces manual effort and associated errors.

The seamless integration of AMCS Pay for Supplier Disbursement to suppliers across the purchase-to-pay workflow provides speed and flexibility to pay suppliers anytime using their preferred acceptance method (debit card, bank account, pre-paid card), increases compliance, reduces risks, and is easy to use for recyclers.

EPR Sampling automates the compliant inspection of material and provides insights into material composition and quality to improve both environmental and financial outcomes.



theme 3

Sustainability Beyond Compliance

The Winter Release sees the launch of new Sustainability Intelligence. A key innovation is the support for full CSRD compliance. This new workflow and reporting automation will be important for evolving compliance legislation in other territories. This is now available in many languages.

Launch of Sustainability Intelligence

Our new Sustainability Intelligence is a unified EHS and ESG solution that leverages data, analytics, and technology to understand and manage environmental, social, and economic impacts of business operations.

It involves data collection in terms of resource usage, emissions, waste, analytics to analyze this data, trends to predict future impacts, decision-making to improve sustainability performance, reduce risks, and capitalize on opportunities and reporting sustainability efforts and outcomes to all stakeholders.

Business Value

EHS decision-makers found that 44% of EHS functions assume full ownership of their firms' ESG strategies (Verdantix), gain operational efficiency by automating tasks. This holistic approach identifies and mitigates risks effectively.

New features

1. Seamless login across EHS & ESG
2. Maintaining user sessions when switching between EHS & ESG
3. Create & assign same user permissions across EHS & ESG
4. Maintain consistent licenses across EHS & ESG
5. Transfer of EHS data (for e.g., number of fatalities from work-related injuries and ill health, the number of recordable work-related accidents, etc.) to ESG

theme 3

New features

Launch of Support for CSRD offering

The CSRD (Corporate Sustainability Reporting Directive) regulation introduces extensive reporting requirements, including 12 European Sustainability Reporting Standards (ESRS) with guidelines on what to disclose which includes approximately 82 disclosures to be made. The CSRD requires, sustainability reports be published in digital format XBRL. Value chain reporting is also an integral part of the CSRD.

CSRD regulation will affect around 50K EU companies and 12K non-EU companies.

With AMCS Sustainability Platform, we are making CSRD compliance easier. The new features such as Materiality assessment, GHG (Greenhouse gas) Emissions management, etc, are also applicable for other regulations and standards as US California SB253/ SB261, US SEC Climate Disclosure, ISSB (International Sustainability Standards Board –S1/ S2 which is expected to be adopted as mandatory by many individual countries),

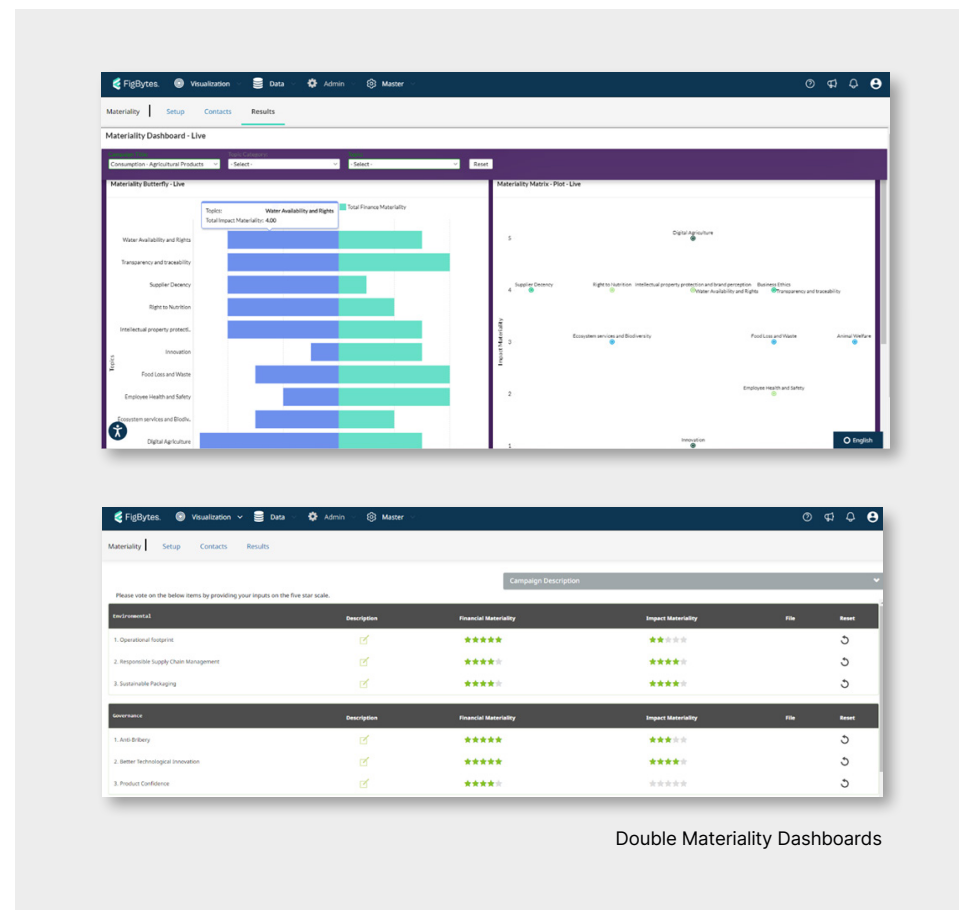
01. Double Materiality

Double Materiality comprising 1.Financial Materiality which focuses on how external factors, as environmental, social, and governance (ESG) issues, impact a company's financial performance and 2.Impact Materiality looks at the impact a company has on the environment and society.

AMCS Sustainability Platform supports in creating stakeholders' contacts' lists targeted as planned, create campaigns, create list of potential material topics, conduct surveys through campaigns (for financial & impact assessment) and visualize results as required. One of the important features is with disclosing & maintaining the process of how we arrive at the results, used for auditing purposes.

Business value

Conduct Double Materiality Assessment (DMA) through pre-built DMA integrated workflow. Stakeholder Engagement through surveys, visualization and disclosure. Reduced non-compliance risk with audit ready DMA.



Double Materiality Dashboards

theme 3

New features

02. ESRS (European Sustainability Reporting Standards)

ESRS standards are integral to CSRD which covers a wide range of environmental, social, and governance (ESG) topics. Brief overview:

General Requirements (ESRS 1):

Principles and requirements for sustainability reporting, including double materiality, qualitative information, and due diligence processes.

General Disclosures (ESRS 2):

Governance, strategy, and risk management related to sustainability.

Environmental:

Climate Change(ESRS E1), Pollution(ESRS E2), Water and Marine Resources(ESRS E3), Biodiversity and Ecosystems(ESRS E4), Resource Use and Circular Economy (ESRS E5).

Social:

Own Workforce(ESRS S1), Workers in the Value Chain(ESRS S2), Affected Communities(ESRS S3), Consumers and End-users(ESRS S4). Includes wide areas pertaining to Occupational Health and Safety disclosures.

Governance: Business Conduct (ESRS G1)

These standards' goal is that companies provide relevant, comparable, and reliable information on their sustainability impacts, risks, and opportunities, thereby enhancing transparency and accountability.

The AMCS Sustainability Platform enables you to choose the reporting framework needed as ESRS standards from the Framework manager. Option of reporting for specific country or through a hub introduced. With questionnaires as templates, tailored to all ESRS standards including custom is new.

Our platform provides companies with the ability to report on sustainability impacts, risks, and opportunities on material issues.

Pre-defined KPIs that can be any quantitative or qualitative values as:

- Operational Variables: values related to company operations (e.g., number of employees, revenue)
- Metrics: calculated values based on inputs from various variables (e.g., the sum of all variables related to scope 1 emissions)
- Qualitative: values related to a company's policies and strategies (e.g., procurement policies).
- Users struggle with understanding the nuanced requirements, complexity and volume of questions and data points requested, our new AI Assistant offers easy handling of queries as part of reporting process. Info provided in the "Delivering Sustainability via AI section" of this document.

Business value

Reduced time and resources to prepare reports to meet deadlines. Leveraged pre-built framework helps companies meet the requirements of the ESRS guidelines. Companies can avoid errors and rework.

theme 3

New features

03. Enhanced Scope 3

Scope 3 are indirect greenhouse gas (GHG) emissions that occur in a company's value chain, both upstream and downstream, and are not directly controlled by the company.

The enhanced Scope 3 feature from our platform empowers companies to accurately manage their scope 3 emissions across their value chain, whether they have access to estimated data or specific supplier data. This includes the ability to track, report, and reduce emissions, enhancing overall sustainability efforts.

Key features introduced are:

Expanded Scope 3 emission factors (Emission factors are coefficients that quantify the emissions produced per unit of activity, such as the amount of CO₂ emitted per unit of fuel consumed) for Spend-based & Lifecycle-based calculations.

Based on the facility's location and the supplier's industry, clients will get access to a list of emission factors.

We have incorporated industry classification (ISIC) in the flow of scope 3 data entry so the clients can be specific on the industries that their suppliers are related to, that accurately represent their scope 3 emissions.

Improved estimations by tracking and understanding the impact of the supply chain with our Machine Learning based Scope 3 estimation, assists clients with filling the data gaps regarding Scope 3 emissions.

Business value

92% of a company's emissions come from scope 3. Our platform provides improved accuracy in calculating their emissions which helps to ensure compliance.

04. XBRL (eXtensible Business Reporting Language) - Digital Tagging

This involves adding digital tags to key information in the reports, making them both human-readable and machine-readable.

Within our AMCS Sustainability Platform, this XBRL feature has been introduced as part of this winter release.

Business value

Ensures reports meet the regulatory standards. Enhances transparency and adopts global standardization.

05. Extended Multi-Lingual support

As part of the winter release, additional languages have been introduced. Customers can freely operate our AMCS Sustainability Platform in an interface language they are comfortable with. The new languages introduced are French, Dutch, German, Italian, and Spanish.

Business value

User's native language improves satisfaction and team collaboration.

theme 3

Delivering Sustainability via AI

New AI power automation across the Sustainability Intelligence solution includes:

01. AI Assistant to support compliance reporting

AI Assistant, a proprietary Large Language Model (LLM) designed to transform the way clients handle framework reports. Below are new features:

- **Question Answering Interface:** Users see questions from the CSRD framework. AI suggests answers.
- **Chatbot Assistance:** Users interact with the chatbot for additional context and help improve answers.
- **Review and export:** Users review AI-generated content, make edits, and export completed report.

Business value

Sustainability Intelligence improves efficiencies while completing ESRS based reports by considering the complexity, volume of questions and data points requested.

The screenshot displays the AI Assistant interface for compliance reporting. The main panel shows a list of questions (BP-1) with text input fields for answers. The right panel features a chatbot window with a greeting, a list of actions (Generate a draft response, Explain this question, Show me steps), and a suggested answer generated by AI.

BP-1
Disclosure of general basis for preparation of sustainability statement.
ESRS do not require undertakings to disclose any information on environmental social and governance topics covered by ESRS when the undertaking has assessed the topic in question as non-material.]

Basis for preparation of sustainability statement.
Scope of consolidation of consolidated sustainability statement is same as for financial statements.

Disclosure of extent to which sustainability statement covers upstream and downstream value chain.

Option to omit specific piece of information corresponding to intellectual property, know-how or results of innovation has been used.

Option allowed by Member State to omit disclosure of impending developments or matters in course of negotiation has been used.

Chatbot Assistance:
Hello there, I can assist you with answering this question.
You can ask about:
"Generate a draft response to this question"
"Explain this question to me"
"Show me steps to answer this question"
"Generate a draft response to this question"
Suggested answer generated by AI:
ESRS do not require disclosure of environmental, social, and governance topics deemed non-material by the undertaking.
Tell us more details.
0/1000
Back to question

AI-Assistant to support compliance

theme 3

Delivering Sustainability via AI

02. Machine Learning for Scope 3 emission estimations

This tool focuses on machine learning models to predict scope 3 emissions, a cost-effective method to help drive first approximations of corporate Scope 3 emissions and filling the gaps when direct calculation/estimation are not available.

Business value

Estimating Scope 3 is a complex and resource-intensive task due to lack of direct data and variability across categories. Utilizing this tool helps achieve cost saving in terms of time, labour and resources.

03. AI Document reader to extract SDS sheet data into fully recorded hazardous chemical data records

Automatically turn safety data sheets into fully recorded hazardous chemical data records. Simply upload PDFs in one go and you're done, saving up to 90% of your time.

This new tool improves quality of customer data in our AMCS EHS management solution.

Business value

Less correction effort & increased master data quality.

Please note that there may be an estimated data discrepancy of up to 20%.

ML estimation

Refresh Add estimation

Scope 1	Scope 2	Revenue	Number of employees	Status	Created Date	Estimation
2000	4000	20.8 M	27790	Calculating...	17/12/2023	View Estimation
1250	2000	10.5 M	13330	Estimate Ready	08/02/2023	View Estimation
1350	1000	13.5 M	27790	Estimate Ready	08/02/2023	View Estimation

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Machine Learning for Scope 3 emission estimations

other key highlights of the Winter 2024 release

AMCS Pay Enhancements

The new reconciliation optimization engine in AMCS Pay automates the tracking and reconciliation of accounts receivable payments, replacing manual spreadsheet-based methods. It imports and matches payment records from three sources and lets you view and resolve unmatched transactions. This is over 50% faster than other methods, increasing accuracy and compliance.

AMCS Pay has also enhanced its Virtual PoS Terminal and added a Transaction Search feature and automated email notifications, reducing customer queries.

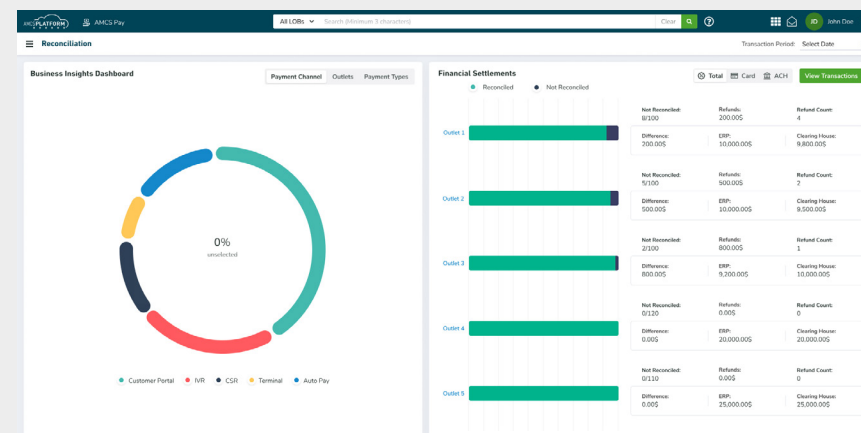
To read more about the AMCS Reconciliation Optimization Engine, [download](#) our brand-new solution sheet today.

View AMCS Pay animation [here](#).

Certified Product Destruction

The feature provides proof of material shredding or destruction, essential for businesses handling confidential documents, electronic media, etc. Certificates of Destruction can be created and emailed for collections or gate arrivals, manually or automatically. It also stores crucial documents from subcontractors. This feature enhances compliance and builds trust by offering customers verifiable proof.

Learn more at amcsgroup.com



AMCS Reconciliation Engine Business Insights Dashboard

