




Operation of Waste Electrical and Electronic Equipment Settlement Centre

The EC Waste Electrical and Electronic Equipment (WEEE) directive regulates recycling of WEEE and aims to minimise its impact on the environment. Producers of electrical equipment are responsible for financing its treatment, recovery and environmentally safe disposal and must join a Producer Compliance Scheme (PCS), which arranges collection, treatment and recycling. The schemes provide evidence of the amount of waste they have treated. For household WEEE, evidence is tradable, so schemes that have over-collected can recover their costs, and schemes which have under-collected can buy evidence to show they have discharged their obligations.

Challenge

The Department for Business Innovation and Skills (BIS) required a Settlement Centre (SC) facility to manage WEEE recycling evidence transactions so that issuance and holdings of evidence can be monitored.

The SC had to be delivered quickly to meet a directive-driven deadline, be highly secure to prevent data tampering, and be scalable to allow for increasing transaction volumes.


"Amor met the challenge of delivering a vital, complex and effective tool for the management of the UK WEEE system. They have continued to offer an excellent level of service and support, to both BIS and it's external partners and stakeholders, responding quickly and professionally to any requested changes to the system. This is reflected in the positive feedback we have received across the network"

Robert Freeman, WEEE Senior Policy Official, BIS

BIS | Department for
Business Innovation & Skills

Key deliverables

- Tiered, scalable, browser-based application
- e-GIF framework compliant
- Supports creation, trading and viewing of re-use and recycling evidence
- Access to Management Information
- Hosting, disaster recovery, user support and system and business administration
- WEEE evidence secure and free from interference

Benefits

- UK compliance with the WEEE Directive
- Immediate access to expert personnel, saving time and money
- Accurate data and auditable tracking
- A fair and equitable system of exchange
- Clear presentation and ease of use
- Effective monitoring of targets and progress in meeting them





Solution

BIS selected Amor to deliver and operate the SC because of its experience of developing bespoke allocation and trading systems and its iterative and agile approach to development.

The solution is based on a tiered, scalable, browser-based application, incorporating the Microsoft .NET software framework and Government Interoperability framework (e-GIF), thus adhering to best practices for usability, accessibility and interoperability.

The SC provides a complete platform for the requesting, recording and confirmation of recycling evidence between PCS's and Recyclers via the use of electronic Evidence Notes. The SC maintains an up-to-date record of all transaction, each PCS's obligations and the evidence credited to them.

The SC supports the production of management and summary information by BIS and the Environment Agencies.

The evidence held in the SC is secure and free from interference. Accessibility is regulated by carefully controlled user permissions.

Amor also hosts the system, provides disaster recovery and user support, and administrates the SC through a Business Process Outsource agreement.

Results

The SC was implemented on-time, to challenging deadlines and is meeting its SLAs.

It is helping the UK to meet its environmental and recycling compliance targets.

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