Catalyst
Digital Energy

Untangle your
Energy Spend Management
Switch to Digital with Catalyst

EaaSi

As an Award-Winning Digital Energy Consultant our job is to put you back in control of your utilities

Our Energy Spend Management platform powered by Robotic Process Automation - EaaSi™ sits at the heart of our journey to transform how you manage, reduce, contract and report on your utilities
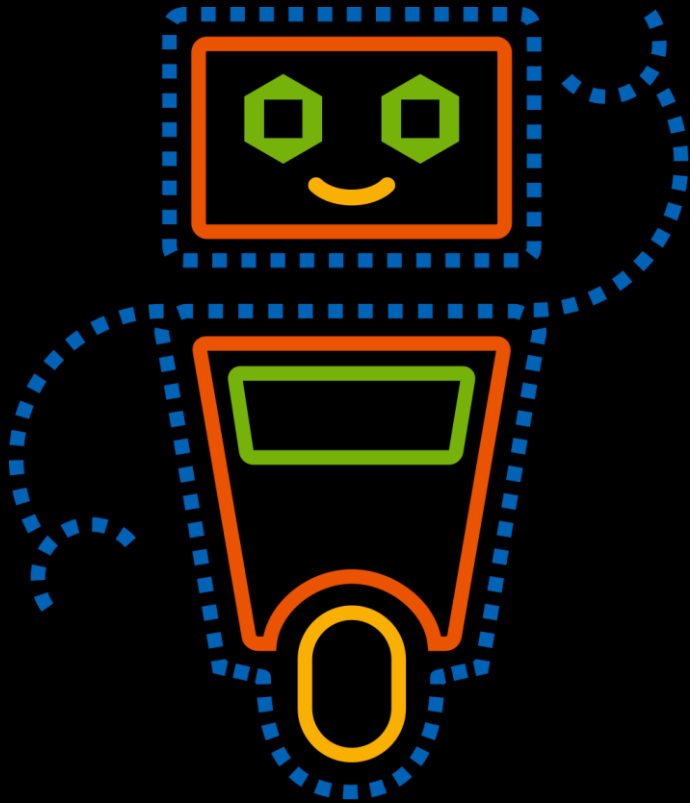
EaaSi™ is a registered trade marked product of Catalyst Digital Energy
www.catalyst-commercial.co.uk

Digital Energy Experts Powered by Robots

Robotic process automation (RPA) – also known as intelligent process automation (IPA) – is a new scalable technology that provides automation of manual or multiple complex processes to significantly enhance business tools.

RPA/IPA takes robotic process automation and machine learning to deliver powerful tools that make advanced decisions and eliminates human error.

The EaaSi™ platform uses RPA / IPA to provide a fully automated energy spend management platform delivering insights to businesses on your utility bills and the data associated to your meter end points instantaneously.

EaaSi

The UK's only cloud-based, integrated digital energy platform to fully automate and validate your energy spend management across all departments, locations and energy output feeds.

Take back control of your energy spend

EaaSi our fully digital energy spend management platform,
allows you to take back control of your energy costs.

Our completely automated bill validation (using RPA) starts the
process with energy invoices collected and validated on the
same day they are made available giving you an understanding
of your energy costs significantly quicker than other industry
software or waiting for the paper invoices to turn up in the post.

Track your in month energy spend with day plus one meter
data costed with your live energy contract tariff to allow finance
to accrue costs more effectively.

Take back control of your energy spend

Join up your energy team by giving them access to invoices, payments, carbon reporting, consumption and profile data all in one fully cloud based system to finally allow true collaboration on your energy strategy and performance.

With budget tracking, market forecasting, procurement tendering and your energy data all in one place, deciding when you go to market for your next energy contract is now back under your control.

EaaSi Modules

Our disruptive, new, Energy-as-a-Service software, comes in 4 integrated modules:

EaaSi Analytics

EaaSi Analytics automatically collects your half hourly data to allow powerful consumption reporting and trends

EaaSi Monitor

EaaSi Monitor delivers real time metering and sensor data into the EaaSi platform to provide tenant billing and data analytics

EaaSi Monitor

EaaSi Cost-Stacker analyses non-commodity costs to enable future forecasting and current cost analysis

EaaSi Pro

EaaSi PRO combines procurement management, invoice validation, carbon reporting and optimisation of utility contracts whilst being supplier agnostic

EaaSi PRO

Major Benefits Overview

✓ Fully automated invoice validation (supplier agnostic)

✓ Supplier invoice history with payments and accruals

✓ Major accounts ERP integration for importing and exporting invoices, payments and credits

✓ Energy spend budgets and forecasting

✓ Go to market ready procurement tendering

✓ Multi hierarchy to allow access at various levels or departments

✓ Greenhouse Gas Reporting

✓ Scalable Cloud based software available to use globally*

EaaSi Analytics

Major Benefits Overview (in addition to EaaSi Pro)

- ✓ Automate collection of your meters half hourly data

- ✓ Interval usage profile

- ✓ Demand profile

- ✓ Measure and verify

EaaSi Monitor

Major Benefits Overview (in addition to EaaSi Pro)

- ✓ Survey and installation of sub metering and IOT end points to provide real time usage data for energy efficiency and performance measuring

- ✓ Benchmark existing outputs (such as lighting) to allow true measurement and payback of efficiency upgrades (to say LED lighting)

- ✓ Compare your data points with validated energy tariffs associated with your main meter point to provide live usage costings

- ✓ Compare and overlay your data points against your main meter point to understand areas of consumption improvement or tariff changes (maximum demand for example)

EaaSi Cost Stacker

Major Benefits Overview (in addition to EaaSi Pro)

- ✓ Non-commodity reporting

- ✓ TRIAD impact and cost report

- ✓ Future cost reporting

- ✓ Peak avoidance cost

One platform to join up your energy team

Invoice Validation

EaaSi™ makes bills easier to manage. It does this by providing an automatic solution to traditional bill validation, with instant insights into each supplier bill through a single interface.

Portfolio Management and Analytics

It enables businesses to manage every site opening and closing seamlessly while tracking all energy data related to each site and across an entire portfolio.

Energy Legislation, Compliance

The data collected on costs, carbon emissions and consumption by EaaSi™ can be downloaded into reports that can be used to comply with a range of industry legislation.

Payment Management

By collecting every bill issued for every site it validates usage, rates and charges against contracts, meter data, network/utility tariffs and active site list – all before payment is made.

Energy and Financial Reporting

It provides businesses with a full 360-degree analysis of your utility cost from receipt of bills to payment, and the ability to view invoice errors and rectification requests and results.

Procurement and Contract Management

Data required for tenders is always ready and accurate for rapid market approach if a pre-set market trigger alerts a buying opportunity for the whole portfolio or by selected sites or regions.

Environmental Governance

It facilitates the reporting requirements of ESG for AIM and PLC businesses, delivering insights and information on contract management, consumption and forecasting.

Budgeting and Accruals

By giving you instant access to your data with unparalleled levels of accuracy allowing for detailed reports down to site level at any time at the touch of a button.
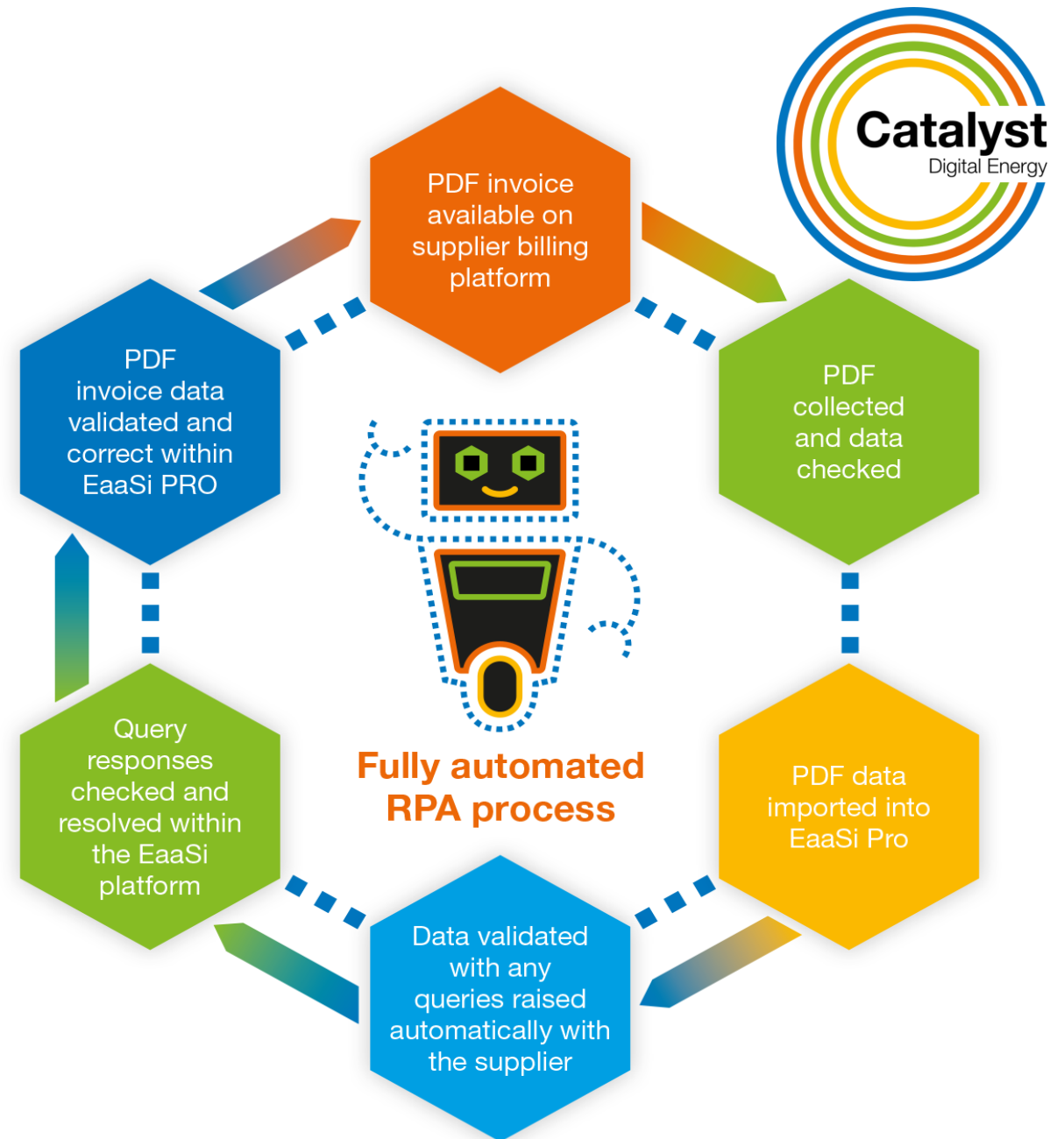
Secure Cloud Solutions

EaaSi™ is designed to securely provide workers anytime access to multi-cloud environments.

RPA, facilitates the ability for EaaSi™ to request PDF utility bills from suppliers automatically and with no human intervention. The algorithms behind the scene collect all the data from the PDF bills and covert it into a single digital format and report.

Once the file is automatically imported into EaaSi™ the automation techniques then identify any inaccuracies in the bills, data and contract information and if identified, automatically requests and rectifies with the supplier.
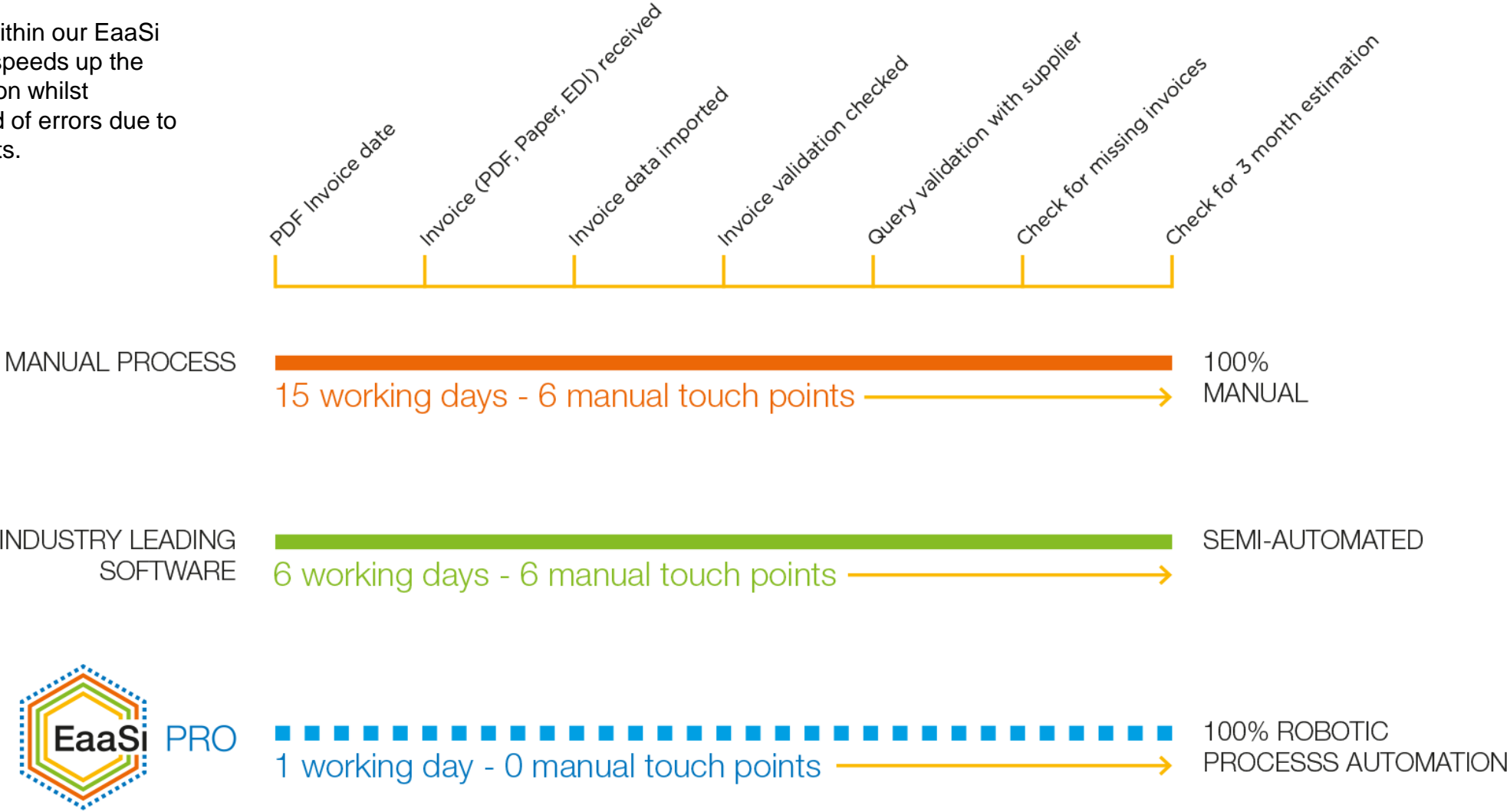
Whilst most systems available today can request data from one system to another via APIs, these systems have yet to conquer the issues of importing and using the data from paper invoices or records thereby resulting in the processing of utility bills from one system to another being a manual activity. Even when electronic invoices are used (EDI) most industry software still needs you to import the data and then manually click through the processing of invoice validation.

RPA functionality in EaaSi™ facilitates the ability to take a paper invoices or separate PDF records from any supplier and seamlessly process from system to system with no human intervention – that's the power of RPA.

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PDF invoice available on supplier billing platform

PDF collected and data checked

PDF invoice data validated and correct within EaaSi PRO

Fully automated RPA process

PDF data imported into EaaSi Pro

Query responses checked and resolved within the EaaSi platform

Data validated with any queries raised automatically with the supplier

Your quickest route to energy spend certainty

See how using RPA within our EaaSi platform significantly speeds up the process of bill validation whilst reducing the likelihood of errors due to no manual touch points.

PDF Invoice date

Invoice (PDF, Paper, EDI) received

Invoice data imported

Invoice validation checked

Query validation with supplier

Check for missing invoices

Check for 3 month estimation

MANUAL PROCESS
15 working days - 6 manual touch points → 100% MANUAL

INDUSTRY LEADING SOFTWARE
6 working days - 6 manual touch points → SEMI-AUTOMATED

EaaSi PRO
1 working day - 0 manual touch points → 100% ROBOTIC PROCESSS AUTOMATION

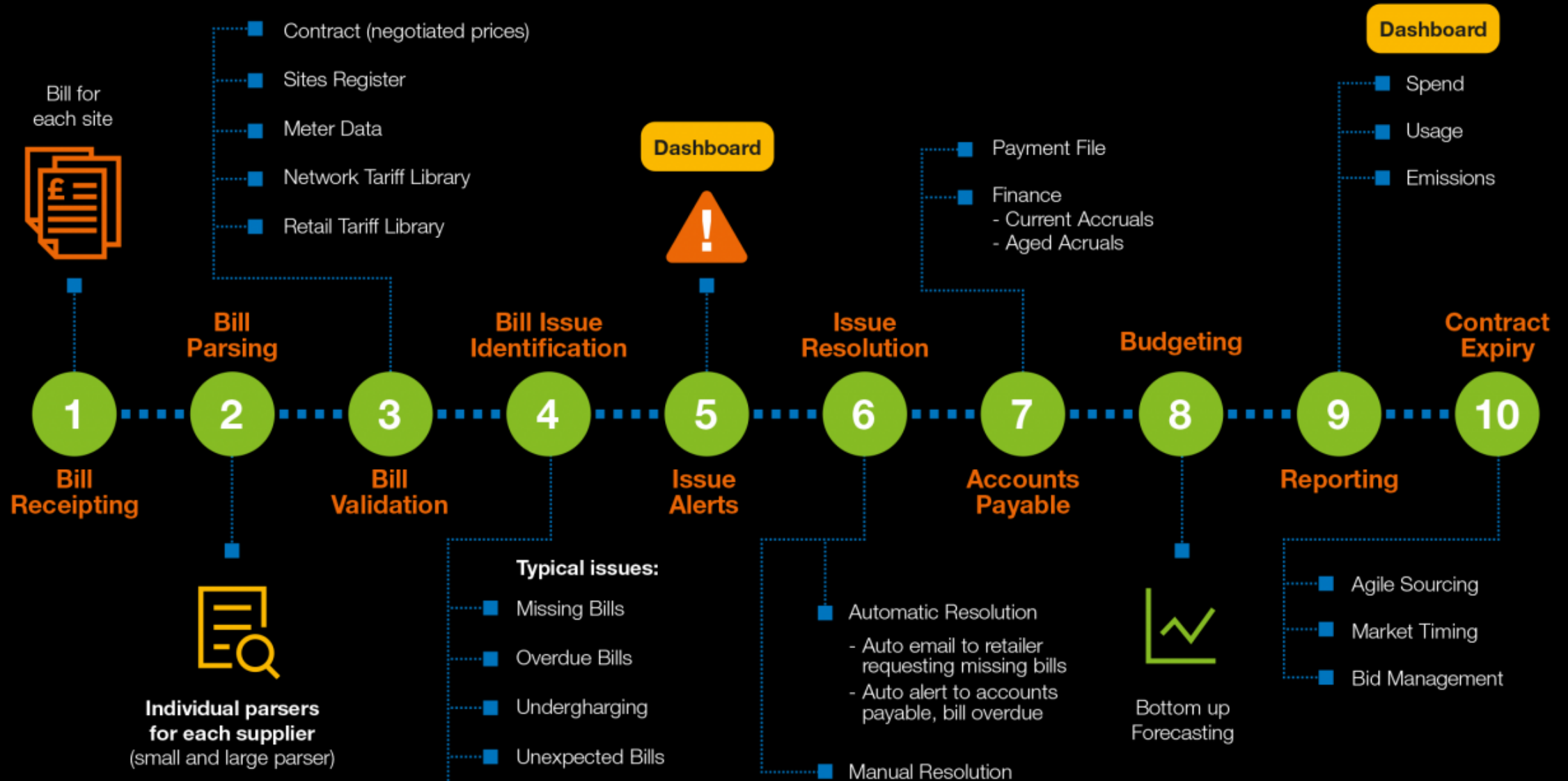*Based on a client with 350 meter points and one end supplier

Powerful Analytics

Automating your energy data collection to deliver powerful outcomes for your business We collate the data from the following sources to allow your Energy team to make the best decisions by viewing all the elements that make up your energy management as a whole:
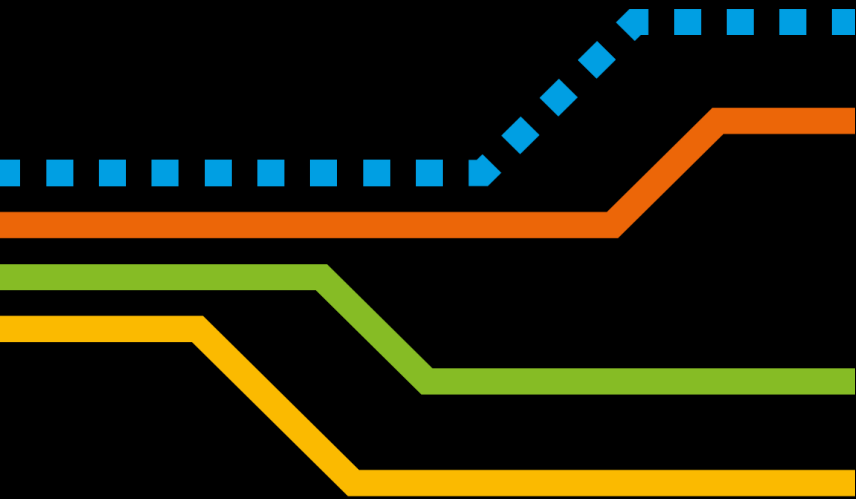
- ✓ Supplier Invoices
- ✓ Supplier Payments
- ✓ Half Hourly Data
- ✓ Sub Metering
- ✓ Carbon Emissions
- ✓ Non-Commodity Forecasting

RPA - Energy Spend Management Platform

Join up your energy team

Automatically validate your energy invoice the day its available

Understand your in month energy spend with day plus one meter data costed with your live energy contract tariff to allow finance to accrue costs more effectively

One platform for your energy team to collaborate from

Track budgets and forecasts against validated data

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The Company Behind EaaSi™

Award Winning Business Energy Consultants

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