

Hurricane

Enabling seamless cross-border eCommerce

Hurricane Commerce

Nothing moves without the right data

We are brilliant at the boring – translating the complex into the simple.

Hurricane software was made to integrate with any front end site so seamlessly you won't even know it's there.

Using a lightweight but advanced slice of AI, we collate every piece of information.

It gives shoppers the total of their cart – shipping, taxes, custom fees and more.

It reduces the risk of selling to blacklisted parties, unexpected compliance slip-ups and shipping errors.

Hurricane's solutions give our customers peace of mind about every cross-border eCommerce transaction.

Built to be user-friendly and lightweight, it blends smoothly into your existing tech, streamlining the customs and regulatory process into one tool. Hurricane's database covers 150 countries and currencies worldwide, amounting to more than 96% of GDP.

It is why we are increasingly the preferred choice of postal services, postal authorities, eCommerce platforms, eCommerce retailers, carriers, logistics providers and other software providers across the globe.



About Us

Compliance is no longer optional

Hurricane's team consists of the brightest tech talent combined with senior backgrounds in logistics.

Our real-time AI deep learning platform and APIs have quickly made us the world leader in taxes, duties and compliance – the essential choice for anyone involved in the cross-border eCommerce supply chain.

Our team operates from offices around the world, including the UK, US, Belgium, Netherlands and Australia.

eCommerce sales amounted to almost £3.5trillion in 2019 – out of total retail sales of around £21trillion.

In 2018, 87 billion parcels were shipped around the world compared to 43 billion in 2014 (an increase of 104% in 4 years).

This exponential growth is set to continue, but with ever greater regulations demanding strict compliance.

We believe we have created the most dynamic, flexible, versatile and robust solutions to meet the challenges and opportunities confronting those involved in cross-border eCommerce trade.



Tightening Regulation – A Changing World

A plethora of new regulations are changing the face of cross-border trade presenting huge challenges to anyone involved in eCommerce.

At the heart of all of the changes is the need for complete and valid electronic data.

From first file to last mile, having accurate data is non-negotiable.

The changes started in 2020 and will continue throughout 2021. They include:

July 2020 – All members of the Universal Postal Union (UPU) were able to self-declare their terminal dues, led by the US in 2020 and all other members in 2021.

January 2021 – Brexit now requires complete and valid data to be provided UK-EU and EU-UK for customs clearance.

January 2021 – New regulations made an overseas supplier who sends parcels containing goods valued at £135 or less to the UK responsible for paying any import VAT that is due.

Low value consignment relief (LVCR) on commercial imports valued at £15 or less was also removed. Other countries are expected to follow suit.

March 2021 – The US STOP Act requiring advance electronic data entry on all mail parcels will be fully enforced and monitored.

March 2021 – Under ICS2, postal operators will have to provide Entry Summary Declarations on all postal consignments prior to moving goods into the EU's customs territory.

July 2021 – Modernising of VAT for cross-border eCommerce via the International One Stop Shop making the retailer, web shop or marketplace liable for the declaration and payment of VAT to the country of destination.

July 2021 – Abolition of exemption from VAT on low value items under €22. The changes mean that EU and non-EU sellers will charge VAT at the point of sale for consignments of €150 or below.



Our 4 Pillars

Data Enhancement

Accurate commodity codes will prevent your parcel from being seized by customs, resulting in happy customers.

On a consignment by consignment basis our system checks the match between the HS6 code and/or the product description provided.

Our API also identifies any invalid descriptions and will return a status code for each consignment including a provision of the most likely HS6 code, product description, 8-digit export code and 10-digit import code.

This consignment data is required by customs authorities globally.

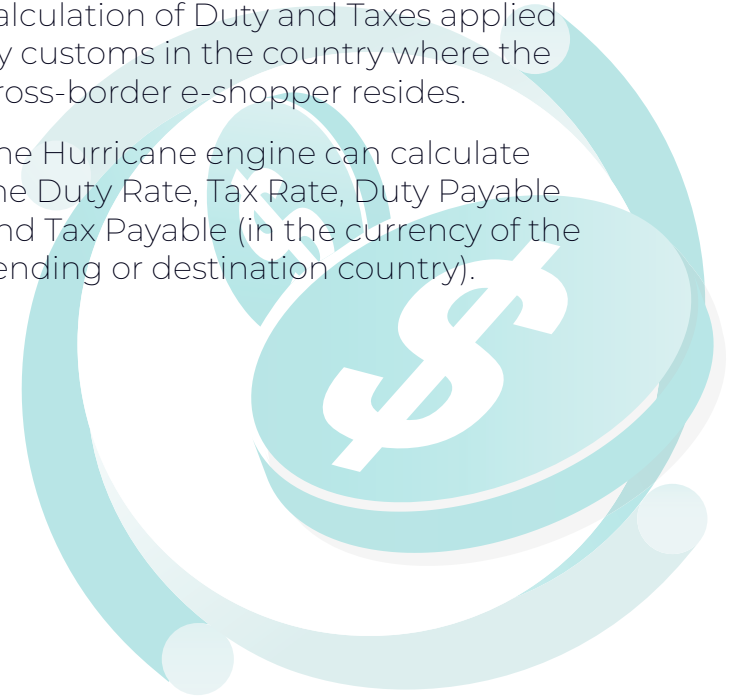


Duty and Tax Calculations

Which business doesn't want better customer experience and improved revenues?

Hurricane's solutions provide real-time calculation of Duty and Taxes applied by customs in the country where the cross-border e-shopper resides.

The Hurricane engine can calculate the Duty Rate, Tax Rate, Duty Payable and Tax Payable (in the currency of the sending or destination country).





Prohibited and Restricted Goods Screening

Every country's customs agency has its own set of rules on what can and can't be imported under any circumstances.

These rules don't differ depending on the exporting country. It doesn't matter whether an item has been sent from the UK, US or somewhere else in the world. The rules of the receiving country apply to everything moving into their country.

Hurricane has carried out deep analysis of restrictions and requirements for importing, exporting and transporting goods in 154 countries, covering 97% of global GDP.

We provide feedback of prohibited and restricted codes for which a narrative is available. We keep you compliant.

Denied Party Screening

A bruised avocado is the ultimate form of deceit. There's no way to tell until it's too late. Some bad guys are just as sneaky. Luckily our API has access to global denied party lists, meaning no bad guys (or disappointing avocados).

Our API has access to almost 100 global denied party lists including the EU, UN and OFAC.

Real-time identification of persons or entities with whom it is not permitted to engage in certain transactions such as sending products or goods.



Our Solutions



Bluestone is our deep-learning AI that drives our auto classification function.

With over 100 billion lines of English text read and understood, Bluestone was built to understand detailed product language and nuances in order to identify descriptions and match them against the most appropriate customs commodity description and subsequent HS6 code.

Confirmed classifications are constantly fed back into the system to improve the accuracy of Bluestone and future classifications. These confirmed classifications are also used by Zephyr as part of its genome based search algorithms.



Aura is the API that covers Duty and Tax Calculations, Prohibited and Restricted Goods Screening and Denied Parties Screening.

Aura is able to match products using a client's HS6 code and product description, simplifying the process which used to require a unique code from Hurricane's Bluestone solution.

An API call via Aura is very fast with throughput tested at 640 transactions a second, equating to 55 million a day.

One single call can perform the 3 key cross-border functions and present the data back in real-time providing a seamless performance that won't affect the efficiency of the checkout process.



Zephyr

Designed from the ground up to be lightning quick, our

Zephyr API takes a new approach to a real-world problem, enabling the efficient checking and completion of cross-border shipment pre-advice submitted to Postal Authorities by customers (retailers/marketplaces).

Zephyr checks that the HS6 code and description are validated and, if not, will return a status code indicating where the issue is.

It will provide suitable customs clearance information including a valid description, a most likely HS6 and 8 and 10-digit export and import codes. It's easy to integrate and blisteringly fast.

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