

BrightBytes Chrome Agent

The EdTech Impact solution from BrightBytes allows districts to measure student usage and the impact of education technology within their organization. A key component of the EdTech Impact platform is our agents which provide data collection of educational technology applications.

Agent Overview

Chrome Agent

Type: Browser Extension

Devices supported: Chromebooks

Deployment method: Google Administrative Console

Device/OS versions supported: Chrome OS and Chrome Browser

Releases to customers: Google Chrome Store

Agent Collection Overview

The BrightBytes Chrome agent uses a list of identified education tools to allow data collection for specific applications. If the application is not identified as an educational tool, the usage data is not collected locally nor transmitted to our cloud infrastructure.

Data collected on the student device is uploaded to the BrightBytes cloud infrastructure approximately one minute after it is generated. Data collected for educational applications leverages an encrypted secret key for every request. These keys are not stored within the BrightBytes infrastructure; they are only generated and decrypted at run-time.

Student Unique ID: The user email address or username associated with the device or browser

Organization ID: The BrightBytes internal mapping of the unique value for the organization. Typically defined in the organization token field of the deployable asset

Product ID: The BrightBytes internal mapping of the product/app associated with the URL requested.

Ex: `962` for Brainpop (brainpop.com)

URL Path Visited: The URL path accessed on the device.

Ex:
www.educationwebsiteexample.com/mathsample

Event Type: HTTP method or interaction of the event (Ex. GET, POST, PUT, mouse movement)

HTTP Headers: Additional information passed between the client and the server during the request or response

Client Timestamp: The timestamp (according to the user's device) at the time of the event

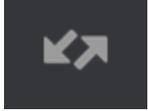
Client Timezone Offset: The client's timezone offset in minutes (according to the user's device)

Received Time: The date and time when the event was received by BrightBytes

Source: Browser or operating system of the device generating the request



Collecting



Not Collecting

If your organization expects the application or website in use to be collected, please let the BrightBytes team know via email at support@brightbytes.net by providing the URL and application name.