



Rapid Underwriting Assessments API Endpoint

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POST: Rapid Underwriting Assessments



`https://api.bitsighttech.com/ratings/v1/fast-ratings`

Quickly get rating details for any mapped or unmapped company within 1 minute.



This is a “pay-per-use” service that will go through the standard invoicing process for each API request, including multiple requests for the same rating report.

Parameters

Parameter	Description	Value
<code>industry</code> [string, query]	Compare the average security rating and risk vector letter grades of a particular industry or sub-industry. Optional.  The return is based on the industry, rather than the sub-industry. If two sub-industries belong to the same industry, they will result in the same response.	See the list of industries .
<code>generate_report</code> [boolean, query]	Get the Amazon Simple Storage Service (S3) link to download a PDF of the report. Optional.	A <code>true</code> value will include the Amazon Simple Storage Service (S3) PDF link in the response.  The request must also include the industry parameter.
<code>url</code> [string, query]	The company's domain.	Example: <code>http://saperix.com</code>

Example Request

```
$ curl -H "Content-Type: application/json" -X POST -i https://api.bitsighttech.com/ratings/v1/fast-ratings -u api_token: -d '{"url": "www.example.com", "generate_report": "boolean", "industry": "industry_name"}'
```

Response Attributes

Key		Description	Data Type
pdf_url		If the generate_report parameter is set to true, this Amazon Simple Storage Service (S3) PDF link is included in the response.	String
status		The results of the request. See result codes and result statuses .	String
status_message		A description of the status type.	String
ratings		The list of daily ratings for the past year (1 year). Each date will have its own entry in the array, starting with the most recent entry.	Array
	rating_date	The date on which the rating was generated.	String [YYYY-MM-DD]
	rating	The security rating for the company, generated on that day.	Integer
	range	Indicates the rating category for the rating for that day. Values: Basic, Intermediate, Advanced	String
	rating_color	Used for displaying the color associated with the rating category.	String [Hex Code]
rating_details		Contains information about the company's risk vector grades and extra information for use in HTML applications.	Object
	risk_vector_name	Each risk vector is a single object, identified by a named “slug” key that corresponds to the risk vector.	Object
		category	The category of the risk vector. Values: Compromised Systems, Diligence, User Behavior, Public Disclosures.
		rating	The BitSight Security Rating of the company, generated on that day.
		beta	Indicates if the risk vector is in beta. A “true” value means it is in beta and does not affect the company's security rating.
		name	The full name of the risk vector.
		grade	The letter grade for the risk vector.
		category_order	Used for visual sorting.
		order	Used for visual sorting.
		grade_color	Used for displaying the color of the rating in HTML applications.

quota_details		Information on used, available, and remaining licenses.	Object
	quota_purchased	The number of purchased requests for this endpoint since the contract started.	Integer
	quota_used	The total allocated licenses since the contract started.	Integer
	quota_available	The number of the remaining available licenses.	Integer

Result Codes


Returned message in the “result” key	Description
invalid_url	An invalid/incomplete URL or domain or no URL was supplied in the “url” field for a company, like “ww.website.c” or “asbdfdf.”
in_inventory	Already mapped. Multiple companies share the supplied URL/domain.

Result Statuses

See the [common errors and status codes](#).

Response Code	Description
200 OK	The request was successful.
202 Accepted	The request has been submitted, but has not been processed yet.
400 Bad Request	The request contained an invalid input (incorrect key name or a company didn't have a specified GUID or URL).
401 Unauthorized	The authorization header didn't contain a valid API token.
403 Forbidden	You've either reached your quota, the company is too large to process, or your account does not have this feature enabled.
404 Not Found	Returned if the endpoint URL is incorrect or the user's API token was valid but they don't have permission to access the requested resource.
429 Too Many Requests	Please try again later.
503 Service Unavailable	Returned in the rare case that an exception is thrown by the system. An email is also sent to support if this happens.

API Token Management

Use the BitSight API to integrate BitSight Security Ratings data with your organization's risk management platform(s), GRC solutions, or other custom software solutions. Authentication is token-based; your login credentials to the BitSight Security Ratings Platform will not work. Please generate and use an API token from the Account page ( Settings → Account).

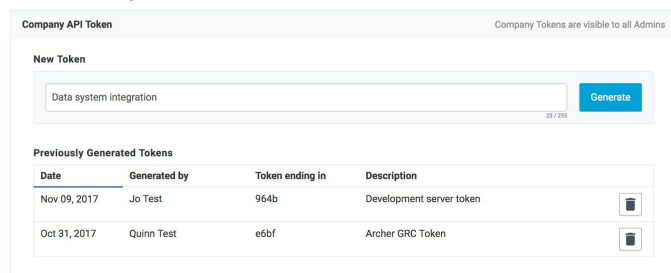
- Your API token should be treated as a password.
- Anyone with a token will have information about all companies in your portfolio. If you think your token may have been compromised, you can always generate a new one from the same page, which will invalidate the previous one.
- Authentication occurs via HTTP basic authentication. Use your API token as the basic authentication username, with no password.
- All API requests must be made over HTTPS. Calls made over HTTP will fail.
- You must authenticate for all requests.

Token Types

User API Tokens

Each user can set up a “per-user API token.” One token can be generated for each user.

Company API Tokens



Date	Generated by	Token ending in	Description
Nov 09, 2017	Jo Test	964b	Development server token
Oct 31, 2017	Quinn Test	e6bf	Archer GRC Token

Company API tokens are not user-specific. They can be used without breaking existing integrations if certain users' accounts are deactivated. For example, one Admin (Customer Admin) might generate a token for their Archer integration. If that Admin leaves the company, the token can either continue to be used or it can be revoked by another Admin.

Industries

The following list of industries is based on background information findings via our [network mapping process](#). Industry data is externally collected from websites, such as LinkedIn.

Industry	Sub-industry
Aerospace/Defense	Aerospace/Defense
	Aviation & Aerospace
	Defense & Space
Business Services	Accounting
	Business Services
	Business Supplies and Equipment
	Consumer Services
	Design
	Environmental Services
	Events Services
	Executive Office
	Facilities Services
	Graphic Design
	Human Resources
	Import and Export
	International Trade and Development
	Logistics and Supply Chain
	Management Consulting
	Market Research
	Marketing and Advertising
	Outsourcing/Offshoring
	Photography
	Printing

	Professional Training & Coaching
	Public Relations and Communications
	Public Safety
	Security and Investigations
	Staffing and Recruiting
	Translation and Localization
	Warehousing
	Writing and Editing
Consumer Goods	Apparel & Fashion
	Arts and Crafts
	Consumer Goods
	Cosmetics
	Luxury Goods & Jewelry
	Sporting Goods
	Tobacco
Credit Union	Credit Union
Education	E-Learning
	Education
	Education Management
	Higher Education
	Primary/Secondary Education
	Research
Energy/Resources	Energy/Resources
	Mining & Metals
	Oil & Energy
	Paper & Forest Products
	Renewables & Environment
Engineering	Architecture & Planning

	Civil Engineering
	Construction
	Engineering
	Mechanical or Industrial Engineering
Finance	Banking
	Capital Markets
	Finance
	Financial Services
	Investment Banking
	Investment Management
	Venture Capital & Private Equity
Food Production	Dairy
	Farming
	Fishery
	Food & Beverages
	Food Production
	Ranching
	Wine and Spirits
Government/Politics	Government Administration
	Government Relations
	Government/Politics
	Judiciary
	Law Enforcement
	Legislative Office
	Libraries
	Military
	Political Organization
	Public Policy

Healthcare/Wellness	Alternative Medicine
	Health, Wellness and Fitness
	Healthcare/Wellness
	Hospital & Health Care
	Medical Practice
	Mental Health Care
	Pharmaceuticals
	Veterinary
Insurance	Insurance
Legal	Alternative Dispute Resolution
	Law Practice
	Legal
	Legal Services
Manufacturing	Building Materials
	Chemicals
	Electrical/Electronic Manufacturing
	Furniture
	Glass, Ceramics & Concrete
	Industrial Automation
	Machinery
	Manufacturing
	Maritime
	Packaging and Containers
	Plastics
	Railroad Manufacture
	Shipbuilding
	Textiles
Media/Entertainment	Animation

	Broadcast Media
	Entertainment
	Media Production
	Media/Entertainment
	Motion Pictures and Film
	Music
	Newspapers
	Online Media
	Performing Arts
	Publishing
Nonprofit/NGO	Civic & Social Organization
	Fund-Raising
	Individual & Family Services
	International Affairs
	Non-Profit Organization Management
	Nonprofit/NGO
	Philanthropy
	Program Development
	Religious Institutions
	Think Tanks
Real Estate	Commercial Real Estate
	Real Estate
Retail	Fine Art
	Retail
	Supermarkets
	Wholesale
Technology	Biotechnology
	Computer & Network Security

	Computer Games
	Computer Hardware
	Computer Networking
	Computer Software
	Consumer Electronics
	Information Services
	Information Technology and Services
	Internet
	Medical Devices
	Nanotechnology
	Semiconductors
	Technology
	Wireless
Telecommunications	Telecommunications
Tourism/Hospitality	Gambling & Casinos
	Hospitality
	Leisure, Travel & Tourism
	Museums and Institutions
	Recreational Facilities and Services
	Restaurants
	Sports
	Tourism/Hospitality
Transportation	Airlines/Aviation
	Automotive
	Package/Freight Delivery
	Transportation
Utilities	Utilities

