Insights API Endpoint

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Retrieve the significant rating change data of a requested company. The information includes the initial and final rating of a company over a certain range of time, the reason behind the rating change, and the percentile change of the company's rating.

Method:
GET

URL:
https://service.bitsighttech.com/customer-api/v1/insights

Parameters:

Parameter	Description	Data Type	Requirement
company	The unique identifier for the company to query.	String	Required
start	The date for when to begin looking for insights.	String [YYYY-MM-DD]	Optional
end	The date for when to stop looking for insights.	String [YYYY-MM-DD]	Optional
format	The format to use for the response data.	String	Optional
score_delta_lt	Set this value to "0" to include rating changes of 10 or less.	Integer	Optional

Example cURL request:

```
curl
https://service.bitsighttech.com/customer-api/v1/insights?company=a940bb61-33c
4-42c9-9231-c8194c305db3 -u {api_token}:
```

Example response:

```
[
    {
        "date":"2018-10-09",
        "guid":"88deb5fa-d371-4707-b9fb-ffc1878cc28a",
        "start_score":790,
        "end_score":770,
        "reasons":[
            {
                "start_percentile":47.59024,
                "risk_vector":"insecure_sys",
                "evidence":[
                    {
                        "end_grade":"D",
                        "start_grade":"C"
                    }
                ],
                "end_percentile":31.86136,
            }
        ],
        "type":"rating-change",
        "entity":"a940bb61-33c4-42c9-9231-c8194c305db3"
    }
]
```

Response attributes:

Key	Description	Data Type
date	The date when this organization's security rating changed.	String [YYYY-MM-DD]
guid	The unique identifier of the insight.	String
start_score	This organization's security rating at the beginning of the day.	Integer
end_score	This organization's security rating at the end of the day.	Integer
reasons	The data points that contributed to the change in this organization's security rating.	Object
start_percentile	The percentile that this organization was placed in, at the beginning of the day. This is based on its rating within the industry.	Decimal
risk_vector	The slug name of the risk vector type that contributed to the reason for the change.	String
evidence	The letter grade of the risk vector that contributed to the reason for the change, before and after the change.	Object
end_grade	The letter grade of the risk vector that contributed to the reason for the change, after the change.	String
start_grade	The letter grade of the risk vector that contributed to the reason for the change, before the change.	String
end_percentile	The percentile that this organization was placed in at the end of the day. This is based on its rating within the industry.	Decimal
type	The type of reason for the rating change. *Value: rating-change*	String
entity	The unique identifier of this company.	String