BITSIGHT

BitSight Security Ratings

Translating cybersecurity and risk issues into simple business context

AGENDA:

- Market Conditions
- How the Rating is Calculated
- Market Applications
- Portal Demo

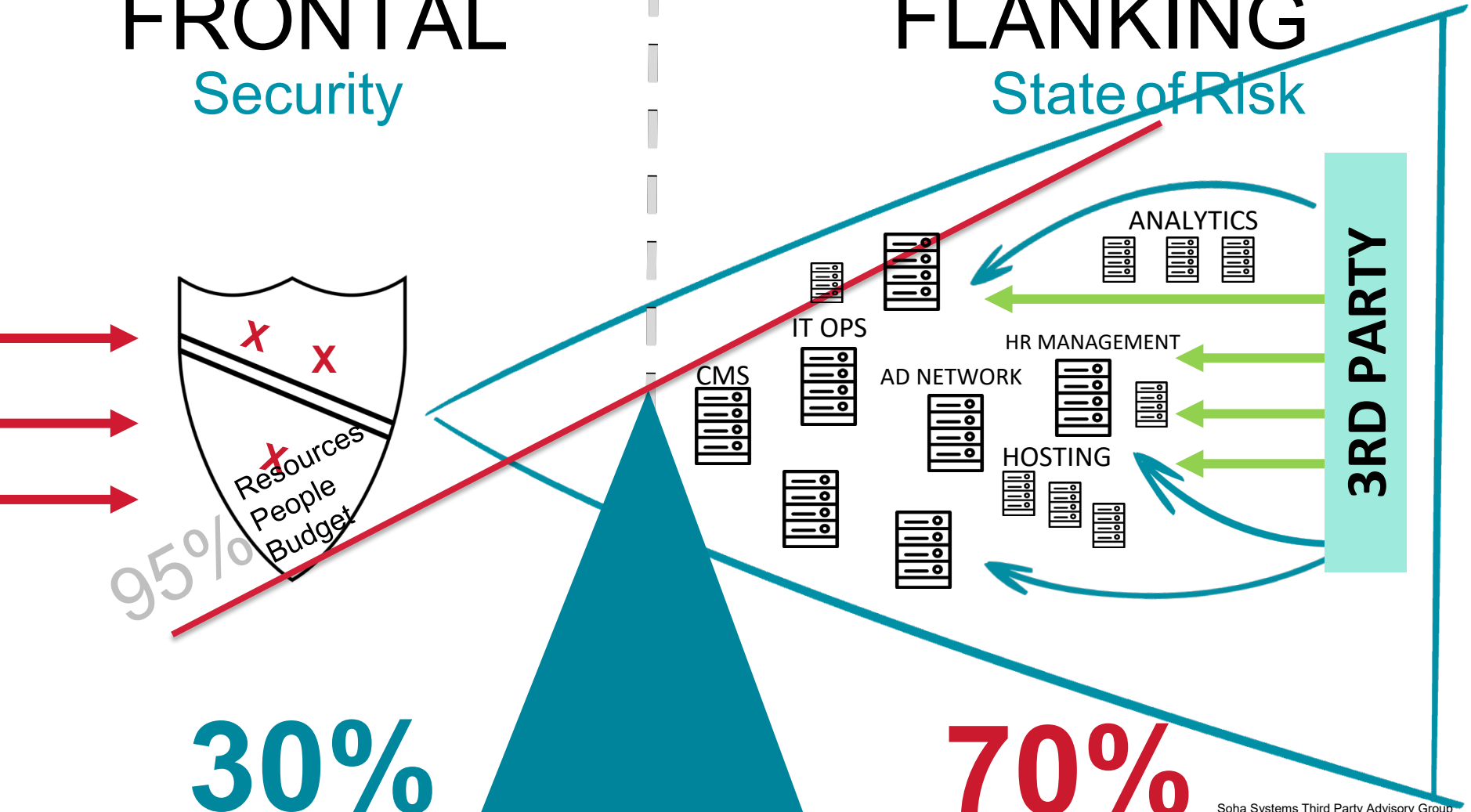
INFOCOM GREECE

FRONTAL

Security

FLANKING

State of Risk



BitSight by the numbers...

90

Fortune 500 Companies leverage BitSight in their security programs

70%

Market Share with 1500 enterprise customers worldwide and across all major industries

7

of the top 10 global cyber insurers use BitSight to make underwriting decisions

3

of the top 5 investment banks use BitSight for Vendor Risk Management

4

of the Big 4 accounting firms use BitSight

1

Only organization that started from a grant from the **National Science Foundation**

How the Rating is Calculated

120

- IP & DOMAIN MAPPING
- Threat Intelligenc
- 200 billion events c
- World's Largest S

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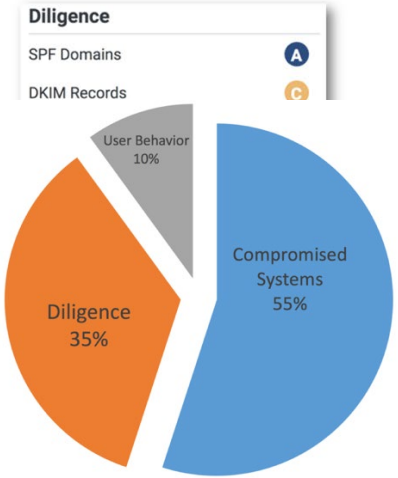
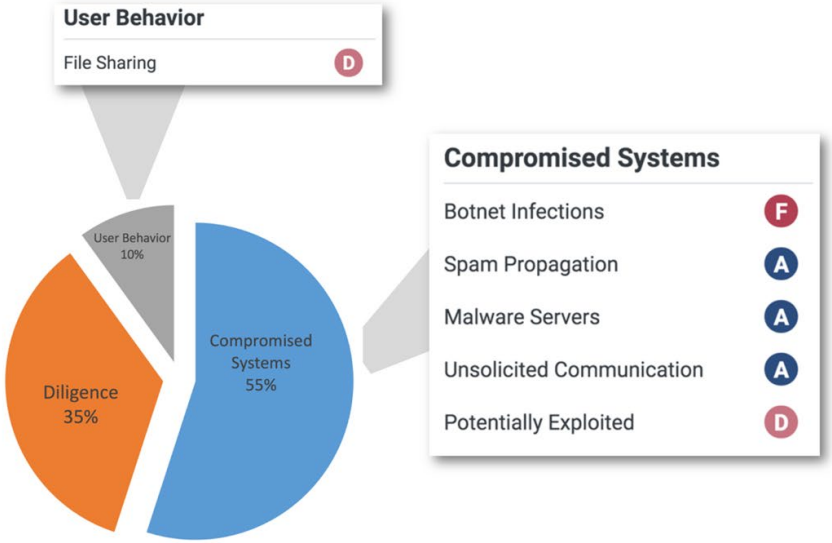
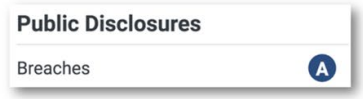
a BITSIGHT co







All 18 Risk Vectors are:

- Objective
- Verifiable
- Actionable

The world's largest security rating ecosystem

Market Applications

BENCHMARKING & REPORTING

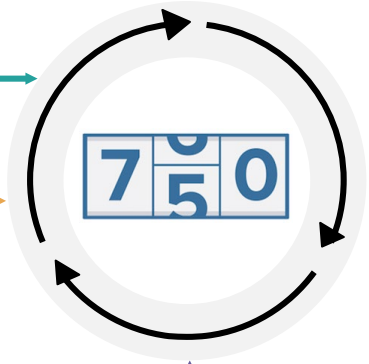
- Compare to Peers & Industry
- 12-month History
- Monitor and Remediate
- Report to a Board

EXPENSE JUSTIFICATION

- Validation of Previous Spend
- Prioritize Budget Allocation

MERGERS & ACQUISITIONS

- Conduct Due Diligence
- Minimize Acquired Risk



VENDOR RISK MANAGEMENT

NEW VENDORS

- Evaluate
- Screen
- RFP
- Trust but Verify

EXISTING VENDORS

- Manage
- Single Pane of Glass
- Continuous Monitor
- Collaborate

BITSIGHT

Portal

Portfolio Overview*

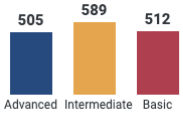
Median Security Rating

700

Companies in Portfolio

1618

Security Ratings Distribution



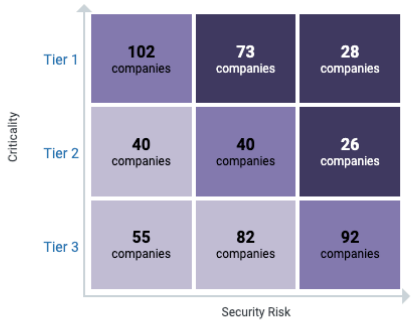
Portfolio Range: 300–810

* Alerts-only companies are not included in overview metrics. Read more...

Portfolio Risk Matrix

538/1618 Companies Tiered

Manage Tiers



Vendor Action Plan — Monitor Review Escalate

All Companies

Quick Links

Most Frequently Viewed

530 Saperix, Inc.
500 Ermenegildo Zegna Corporate
630 REXEL SPAIN, S.L.

Recently Viewed

530 Saperix, Inc.
470 Quimidroga S.A.
760 Lusíadas Saúde

Lowest Ratings

300 Marriott International Corpor...
300 Rackspace Ltd. Corporation
300 BT Group plc

Alerts & News

Alerts

April 07:
Affidea Portugal: SSL Certificates grade decreased from C to D

April 07:
Banco Bilbao Vizcaya Argentaria, S.A. Group: SSL Configurations grade decreased from C to D

April 07:
Befesa Zinc Group: Patching Cadence grade decreased from C to D

More alerts

Featured News

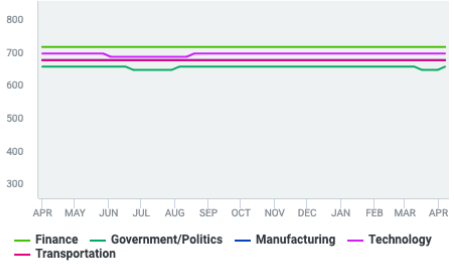
BC Pension Corporation
April 04: A group of microfiches was lost during an office move, compromising the personal information of 8000 individuals.

Bayer Ag
April 04: Malicious software was found on the computer network. The company contained the attack.

More news

Industry Ratings

Industry ratings for the 5 most common industries in your portfolio



Support

Saperix, Inc. 530

Reports Actions

BitSight Security Rating

530 BASIC

★ Saperix Corporate is the Primary Rating

About Ratings View Company Tree

Company Info

Set Custom ID

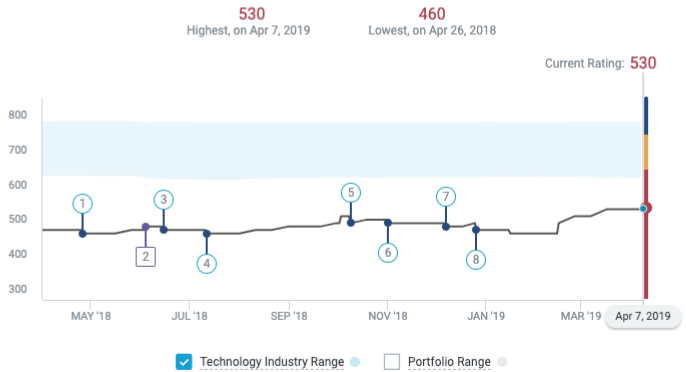
Industry: **Technology** Homepage: saperix.com Monitored by **296 companies**

Subscription: **Continuous Monitoring**

Show Details

Security Ratings

Download Data (.csv)



Rating Highlights

8 Dec 26, 2018
20 point drop, from 490 to 470
Open Port: grade change from D to F

7 Dec 7, 2018
10 point drop, from 490 to 480
Desktop Software: grade change from C to D
File Sharing: grade change from B to C
Mobile Software: minor change, grade remains D

6 Nov 1, 2018
10 point drop, from 500 to 490
Server Software: minor change, grade remains B

Saperix, Inc. 530

Reports Actions

Overview | Rating Details | Compromised Systems | Diligence | User Behavior | Remediation | My Infrastructure | Forensics

Rating Overview

Rating Overview Panel shows how well this company is managing each risk vector. Click on a grade to see more details about the risk.

Compromised Systems

Botnet Infections	F
Spam Propagation	B
Malware Servers	A
Unsolicited Communications	A
Potentially Exploited	D

User Behavior

File Sharing	A
Exposed Credentials **	N/A

Public Disclosures

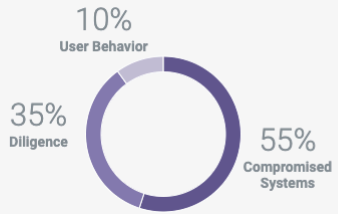
Breaches	A
Other Disclosures*	N/A

Diligence

SPF Domains	A
DKIM Records	B
TLS/SSL Certificates	A
TLS/SSL Configurations	C
Open Ports	C
Web Application Headers	C
Patching Cadence	B
Insecure Systems	D
Server Software	A
Desktop Software	F
Mobile Software	D
DNSSEC*	F
Mobile Application Security*	N/A
Domain Squatting **	N/A

* Risk Vector does not currently affect Security Ratings
** Informational risk vector (will never affect Security Ratings)
Breaches have a negative impact on Security Ratings only if they occur

What Makes A Security Rating?



The grades show how well this company is managing each risk vector. These grades do not contribute evenly to a company's overall BitSight Security Rating.

Breaches have a negative impact on Security Ratings **only if they occur**.

Learn more about how ratings are calculated.

Learn more about every risk vector.

Support

Compromised Systems details for Saperix, Inc.

Download Data (.csv)

Graph Type

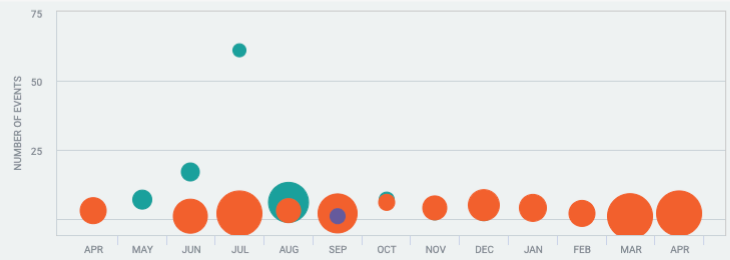
Distribution

Duration

Volume

This graph displays the number of compromised systems events per month, broken down by type. The size of the bubbles corresponds to the average duration for those events.

Compromised Systems Details – 156 events over 12 months



Show:

- All
- Botnet Infections — 35 events
- Spam Propagation — 1 event
- Malware Servers — 0 events
- Potentially Exploited — 120 events
- Unsolicited Communications — 0 events

Show events from: MM-DD-YYYY to MM-DD-YYYY

Tags Search

Click infection names for remediation instructions

Type	IP Address/Domain	Location	Start	End	Days	Details	collapse all expand all
Potentially Exploited SE - ESS	24.6.128.45	US	03-30-2019	04-01-2019	3	**Infection:** CrossRider	Details
Potentially Exploited SE - ESS	24.6.128.45	US	03-24-2019	03-24-2019	1	**Infection:** CrossRider	Details 1
Botnet Infections India HQ Office	45.116.217.90	TH	03-19-2019	04-05-2019	18	**Infection:** Gamarue	Details 1
Potentially Exploited	24.6.128.45	US	03-18-2019	03-19-2019	2	**Infection:** CrossRider	Details

Time range

All Time
Last 7 days
Last 30 days
Custom Date Range

Narrow By Risk Vector

All Forensics
Compromised Systems
Botnet Infections (196)
Spam Propagation (2)
Malware Servers (0)
Potentially Exploited (210)
Unsolicited Communications (0)

User Behavior
File Sharing (57)

Narrow By Tags

- India HQ Office (237)
- SE - ESS (207)
- Webserver Danmark (82)
- agtest2 (82)
- LAB (11)

Show all

Botnet Infections: Gamarue — IP Address/Domain: **45.116.217.90** — India HQ Office

C&C Domain	6kbj7ea9.ru	Date Seen:	04-05-2019
Detection Mechanism	Sinkhole	Location:	Thailand
Last Seen	2019-04-05 01:15:28 UTC		

Botnet Infections: Gamarue — IP Address/Domain: **45.116.217.90** — India HQ Office

Source Port	50518	Date Seen:	04-05-2019
Destination Port	443	Location:	Thailand
Server Name	soplifan.ru		
C&C IP	XXX.38.137.100		
Observations	58		
Detection Mechanism	Sinkhole		
Request Method	POST		
First Seen	2019-04-05 01:15:38 UTC		
Last Seen	2019-04-05 10:21:06 UTC		
Representative Event Timestamp	2019-04-05 10:21:06 UTC		
User Agent	Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.1; Trident/7.0; SLCC2; .NET CLR 2.0.50727; .NET CLR 3.5.30729; .NET CLR 3.0.30729; Media Center PC 6.0; .NET4.0C; .NET4.0E)		

Details

Botnet Infections: Gamarue — IP Address/Domain: **45.116.217.90** — India HQ Office

C&C Domain	6kbj7ea9.ru	Date Seen:	04-04-2019
Detection Mechanism	Sinkhole	Location:	Thailand
Last Seen	2019-04-04 01:17:15 UTC		

Botnet Infections: Gamarue — IP Address/Domain: **45.116.217.90** — India HQ Office

Source Port	51652	Date Seen:	04-04-2019
Destination Port	443	Location:	Thailand

Remediation Overview

Download Remediation Data

Remediation Strategy

Risk vectors with the highest Rating Impact over a **60-day** period.

Why are some risk vectors not listed?

Open Ports 10 Points ›

Asset Risk Matrix

Assets for Saperix, Inc.

Search...

Assets	Importance	Warn/Bad Findings	Total Findings
kennedymotors.com	High	0%	1
nibrainsurance.com	High	0%	1
parallelsig.com	High	0%	1
kramerandross.com	High	100%	1

Peer Analytics

Company: Saperix, Inc.
Peer Group: Technology Industry | Similar Employees | 868 Companies

Export CSV | Edit Comparison

Overview | Risk Vectors

Saperix, Inc. **530**

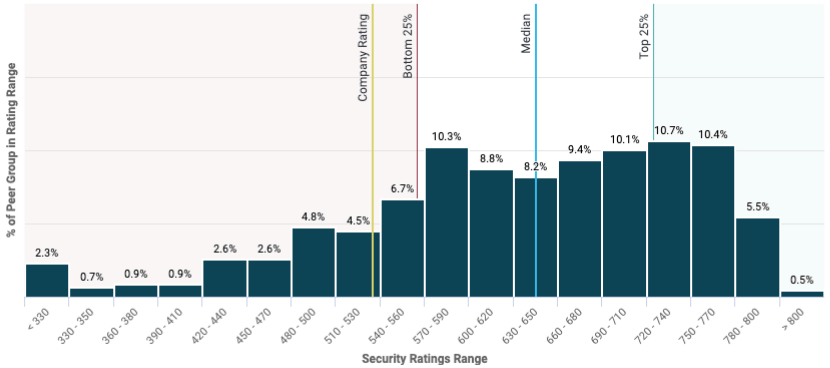
Bottom **20%**
of the Peer Group

Bottom 25% **560**
↑ 30 points more
than Saperix, Inc.

Median **640**
↑ 110 points more
than Saperix, Inc.

Top 25% **720**
↑ 190 points more
than Saperix, Inc.

Peer Group Distribution over Rating Ranges



Risk Vector Performance

6 Worse than Peer Group
4 In Line with Peer Group
6 Better than Peer Group

Worse Risk Vectors

	Company	Median	Top 25%
Botnet Infections — Bottom **11%** of the Peer Group	F	A	A
Spam Propagation — Bottom **19%** of the Peer Group	B	A	A
Potentially Exploited — Bottom **20%** of the Peer Group	D	B	A

View all Risk Vectors

Better Risk Vectors

	Company	Median	Top 25%
File Sharing — Top of the Peer Group	A	A	A
Malware Servers — Top of the Peer Group	A	A	A
Unsolicited Communications — Top of the Peer Group	A	A	A

View all Risk Vectors

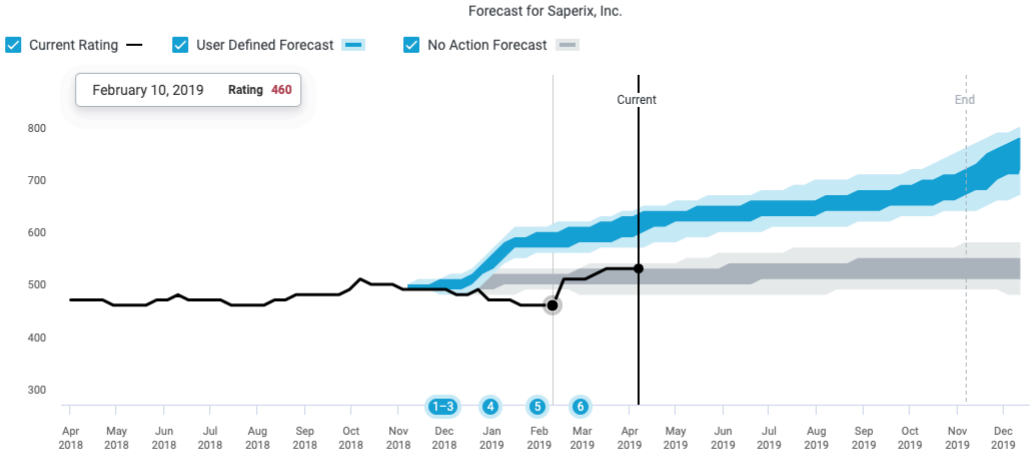
Support

Budget approval Forecast

Last saved on April-08-2019 15:25

Share | Stop Monitoring

Forecast Timeline	User Defined Forecast	Elapsed Time	Forecast Status
November-07-2018 → November-07-2019	530 → 670 - 720	151 days	Active



Budget approval Forecast

Last saved on April-08-2019 15:25 Share Stop Monitoring

Forecast Scenario

1 Botnet Infections

Updated Yesterday

Your goal is to **Reduce the yearly rate of Number of Events from 35 to 0** and to **Reduce the Average Duration from 10.2 to 1.4 Days**.

Due Date
November-30-2018
4 months and 1 week ago
0% complete

Number of Events (Yearly rate)
0%
COMPLETE
35 Events Remaining

INITIAL	TARGET	CURRENT
35	0	35

Average Duration in Days
0%
COMPLETE
8.8 Days Remaining

INITIAL	TARGET	CURRENT
10.2	1.4	10.2

2 Mobile Software

Updated Yesterday

Your goal is to **Reduce the Total Number of BAD Records from 8 to 0** and to **Reduce the Total Number of WARN Records from 12 to 0**.

Due Date
November-30-2018
4 months and 1 week ago
21% complete

BAD Total Number of Records
25%
COMPLETE
6 Records Remaining

INITIAL	TARGET	CURRENT
8	0	6

WARN Total Number of Records
16%
COMPLETE
10 Records Remaining

INITIAL	TARGET	CURRENT
12	0	10

3 SSL Certificates

Updated Yesterday

Your goal is to **Reduce the Total Number of BAD Records from 82 to 0** and to **Reduce the Total Number of WARN Records from 24 to 0**.

Due Date BAD Total Number of Records WARN Total Number of Records