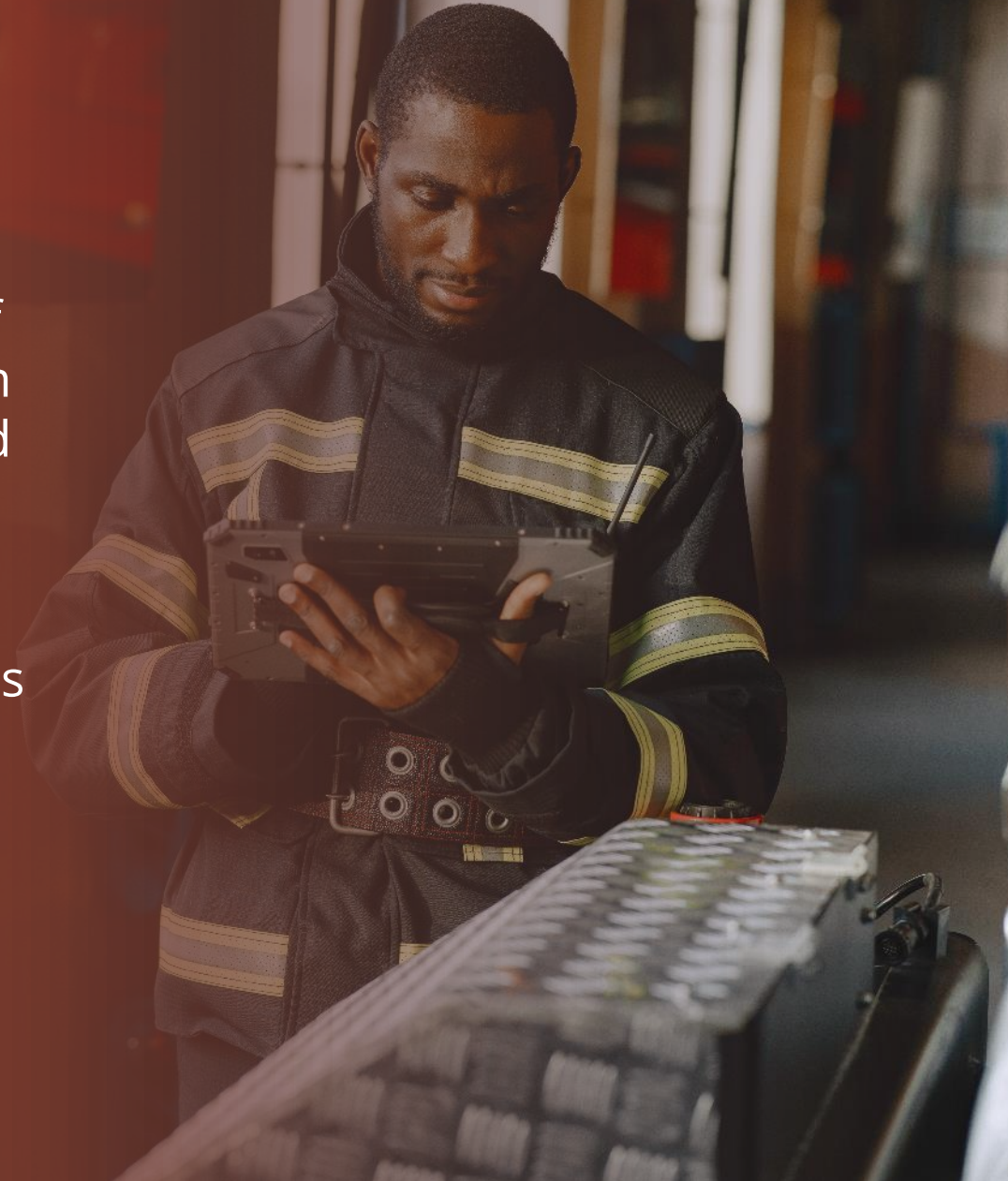


Challenge

Bushfires are a very common occurrence. The extent of damage caused due to this phenomenon is alarming. In 2019 and 2020, a loss of over 4 Billion A\$ was estimated due to bushfires.

To reduce such damage and losses, the fire-fighters authority was looking for a digital solution for its citizens to better equip them in case of these emergencies, improve the rescue response time and improve forecasts accuracy of these accidents.



Improving firefighter safety and fire prevention with Fire Fighter App.

Solution

- ✓ Incture has built a mobile application to enable citizens and government to fight bushfires. Also, an admin panel was built for authorities to track incidents/crimes reported. This paperless approach is expected speed up the inspection process per visit, while ensuring that the data collected is accurate, secure, and properly stored.

Outcome

- Enable the citizens to be responsive and responsible in case of these accidents
- Improve the decision-making cycle and response-time of authorities
- Improve the overall communication of the safety instructions to the citizens
- Enable prediction of high-risk areas and mitigating risk to human and animal life
- Enables citizens to report, update bushfires or crime reports in a timely manner
- Reduces the delay in communication during emergencies
- Gives a map view of nearby bushfires
- Improves rescue response time of authorities through chatbot services
- Alerts authorities with insights or projections for future events

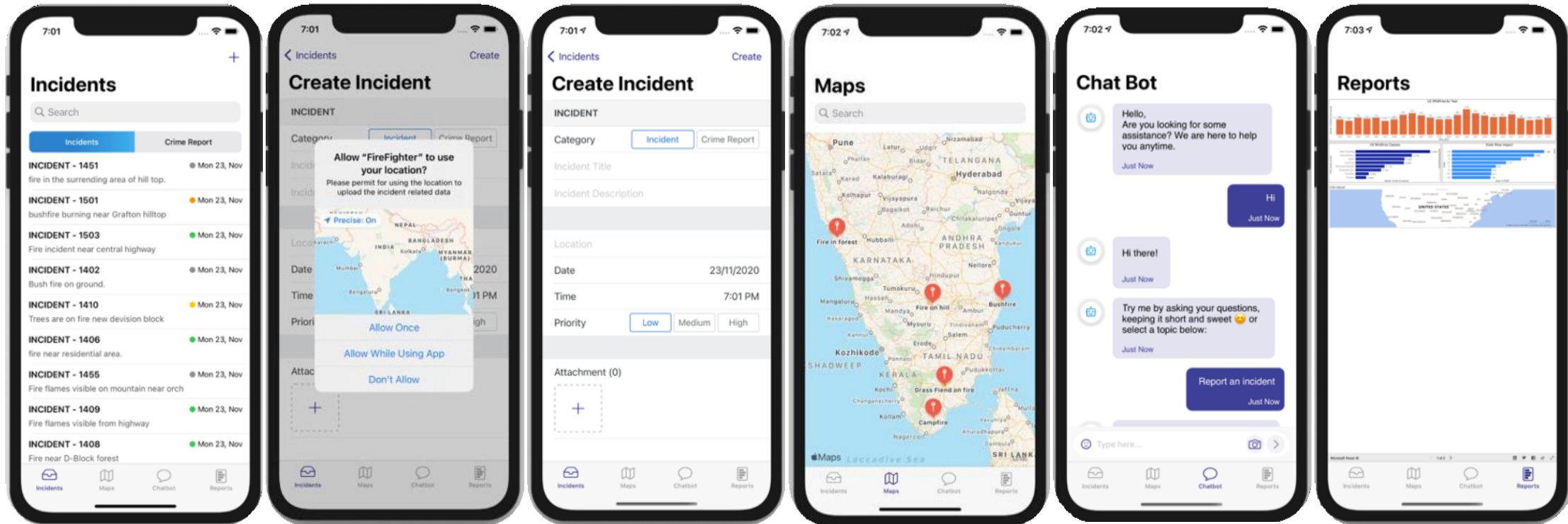


Business Impact

92.3% Success rate on prediction

15 Years Data processed to perform ML algorithms

Improving firefighter safety and fire prevention with Fire Fighter App.



Improving firefighter safety and fire prevention with Fire Fighter App.

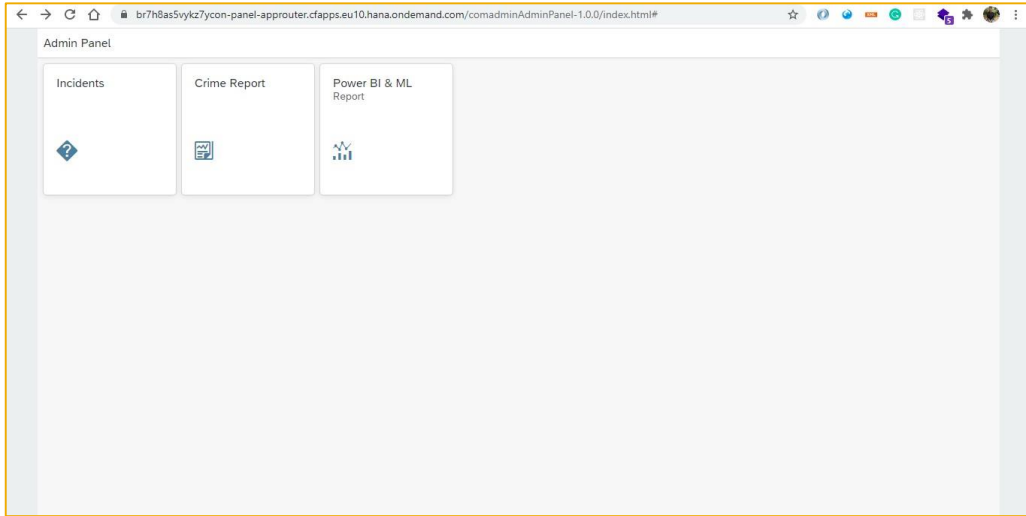


Image	Incident ID	Title	Description	Category	Address	Date	Latitude	Longitude	Status
	1451	Bushfires	fire in the surrendering area of hill top.	Incident	kodaikannal	2020-11-23T09:51:34.104+00:00	10.2381136	77.4891822	Created
	1501	Bushfire on hill	bushfire burning near Grafton hilltop	Incident	Bellandur, Bangalore	2020-11-23T09:53:55.014+00:00	37.785834	-122.406417	CR
	1503	Fire in forest	Fire incident near central highway	Incident	Goa	2020-11-23T09:58:46.847+00:00	15.2993265	74.12399599999999	Under Control
	1402	Grass Field Fire	Bush fire on ground.	incident	chennai	2020-11-23T10:02:37.606+00:00	13.0826802	80.2707184	Created
	1410	Forest Fire	Trees are on fire new devision block	incident	Bellandur	2020-11-23T10:05:32.565+00:00	12.9304278	77.678404	Being Controlled
	1406	Fire	fire near residential area.	incident	chennai	2020-11-23T10:06:42.641+00:00	13.0826802	80.2707184	Under Control

Image	Incident ID	Title	Description	Category	Address	Date	Latitude	Longitude	Status
	1401	Campfire	Campfire left unaddressed.	Crime Report	Marathahalli, Bangalore	2020-11-23T10:54:36.342+00:00	37.785834	-122.406417	Acknowledged
	1412	Firecrackers	massive fire near 48C street, due to firecrackers	Crime Report	Bellandur, Bangalore	2020-11-23T11:25:40.353+00:00	37.785834	-122.406417	Created
	1352	Campfire	Huge camp fire left unaddressed	Crime Report	Mysore, Karnataka	2020-11-23T11:35:36.551+00:00	37.785834	-122.406417	Acknowledged
	1353	Campfire	Campfire left unaddressed.	Crime Report	T Nagar, Chennai	2020-11-23T11:36:05.243+00:00	37.785834	-122.406417	Acknowledged
	1454	Campfire	Campfire left unaddressed.	Crime Report	Bangalore	2020-11-23T11:37:13.136+00:00	37.785834	-122.406417	Acknowledged

Update Report

Image:
 Upload Success

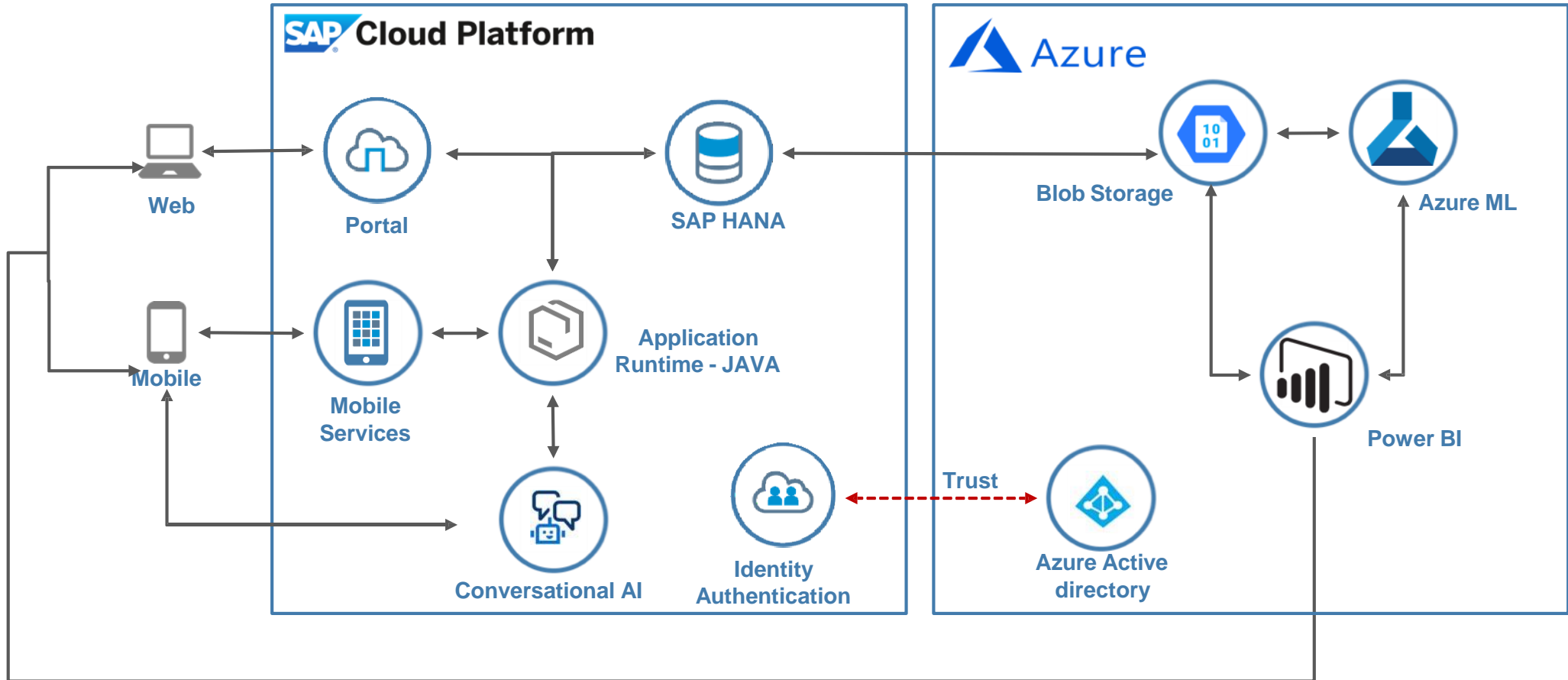
Title: Description: Category:

Address: Start Date:

Latitude: Longitude:

Status: (Dropdown menu with options: Created, Acknowledged)

Architecture



About Incture

We are a digital systems company and a community of passionate, purpose-led individuals seeking to enhance people's lives with technology. We deliver digital solutions including Cherrywork® digital applications and intelligent platforms and technologies with speed and at scale to address our customers' complex business challenges. We are one of the largest providers of Digital Applications and Technology Solutions on SAP Cloud Platform and SAP On-Premise Platform.

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