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Identify strong TR &

## 1.CUSTOMER SEGMENT:

Define

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fit into

CS

Forest administration Forest officers Common people

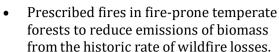
## 6. CUSTOMER CONSTRAINTS

Need to monitor the forest 24\*7

Huge datastore is needed to manage data

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5. AVAILABLE SOLUTIONS



Fire control practices in Amazonian forests to avoid unintended fires that degrade the forest (such as fire breaks at forest edges).

## 2. JOBS-TO-BE-DONE / PROBLEMS

Permanent monitoring and detect forest

J&P

9. PROBLEM ROOT CAUSE



- Lightning
- Spontaneous combustion of dry vegetation
- Volcanic activities
- Carelessness while Smoking or using mosquito coil or candles or campfires
- Arson or intentional
- Tribal ritual/tradition

## 7. BEHAVIOUR



When burning fuel is exposed to oxygen from the air, a chemical reaction occurs that releases heat and generates combustion. The manner in which fuel ignites, flame develops and fire spreads. In wildland this behavior is influenced by weather and topography interact.

## 3. TRIGGERS

strong

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fire accurately

Initial smoke will trigger the forest officer to take the step at earlier stage

# 10. YOUR SOLUTION

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**8.**CHANNELS of BEHAVIOUR 8.1 ONLINE



Monitoring the forest through survelliance camera

### 8.2 OFFLINE

Take survey from existing video clips

## 4. EMOTIONS: BEFORE / AFTER

Frustated due to poor netwrok connection And misprediction of forest fire

Image processing, video processing, neural network are used for the early detection of forest fire

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