

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)

CS

Fóiest guaíd

6. CUSTOMER CONSTRAINTS

Spending moíe money
foí the equipments, netwoík
connection foí the devices, power
supply inteírúptions, occuĩence
of damages sometimes these
limitations the customeís choices
of solutions .

5. AVAILABLE SOLUTIONS

Alaím system foí
indication of five, íemote sensing
based methods such as satellites,
high -íesolution static cameías
fixed on the gíound, unmanned
aeíial vehicles.

Explore AS, differentiate

2. JOBS-TO-BE-DONE / PROBLEMS

S&P

Always cleaí the aíea
aíound the woíkspace.

Íhe aíea should be even
laígeí if it is windy and díy.

Making suíe that to neveí
opeíate equipment that píoduces
spaíks neaí díy vegetation.

9. PROBLEM ROOT CAUSE

RC

Íhe fiíe is mainly caused
by lightning, incíeased
tempeíatuíe, human activities and
otheí íeasons .

Human caused fiíes
íesult fíom campfiíes, equipment
use and malfunction, negligently
discaídéd cigáíettes, etc..

7. BEHAVIOUR

BE

Íhey to monitoí the fóiest
aíeas themselves, often checking
whetheí the camp fiíe aíe put off
píopeíly.

Always having fiíe fighting
tools always íeady.

Monitoíng the
tempeíatuíe in the fóiest.

Focus on J&P, tap into BE, understand RC

Focus on J&P, tap into BE, understand RC

<p>3. TRIGGERS TR</p> <p> The need to protect the wildlife and themselves triggers them to act. Not knowing when would fire starts Making suggestion from visitors. </p>	<p>10. YOUR SOLUTION SL</p> <p> The computer vision methods for recognition and detection of smoke and fire, based on the still images of the video input from the cameras. Deep learning method "convolution neural network" can be used for finding the amount of fire. Enabling the video surveillance systems on forest to handle more complex situations in real world. </p>	<p>8. CHANNELS of BEHAVIOUR CH</p> <p> Online: Installing cameras and sensors in parts of the forest and checking the situation. Offline: Making sure that no fire is started near the dry plants or highly inflammable objects. </p>
<p>4. EMOTIONS: BEFORE / AFTER EM</p> <p> They don't feel safe. Always fear of catching fire in the forest. Panic at the of sudden forest fire. Afterwards: They will have some satisfaction of knowing that some indication will come on the start of fire. </p>		