

Problem Solution fit - Gas leakage Monitoring and Alerting System for Industries

Define CS, fit into	<div>1. CUSTOMER SEGMENT(S)<div>CS</div><div>Most of Industry workers who are engaged with gas related productions.</div></div>	<div>6. CUSTOMER<div>CC</div><div>At least one approved fuel gas detector in every room containing an appliance fueled by propane, natural gas or any liquified petroleum gas in commercial businesses, hotels, non-profit organizations, shelters, and rental properties.</div></div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><div>The sensor-enabled solution helps prevent the high risk of gas explosions and affecting any casualties within and outside the premises. The gas sensors help detect the concentration of the gases present in the atmosphere to avoid hazardous consequences like fire breakouts.</div></div>	Explore AS, Focus on J&P, tap into BE, understand
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div><div>Flammable gas leakage may lead to secondary accidents such as fire and explosion, while toxic gas dispersion mainly leads to poisoning casualties lead to death.</div></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><div>Gas detectors can be used to detect combustible, flammable and toxic gases, and oxygen depletion. This type of device is used widely in industry and can be found in locations, such as on oil rigs, to monitor manufacturing processes and emerging technologies such as photovoltaic.</div></div>	<div>7. BEHAVIOUR<div>BE</div><div>Using manpower as the source of monitoring the leakage causes high hazards. If the gas leaked is heavily toxic, there is a chance of causing hereditary health issues too.</div></div>	
	<div>3. TRIGGERS<div>TR</div><div>Most of Gas explosions are caused by undetected gas leakage in the pre-detection condition. So that, Gas leakage monitoring and alerting system is needed.</div></div>	<div>10. YOUR SOLUTION<div>SL</div><div>In several areas, the gas sensors will be integrated to monitor the gas leakage. If any area gas leakage is detected the admins will be notified along with the location. In the web application, admins can view the sensor parameters.</div></div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div><div>8.1<div>ONLINE<div>Promoting through social media. With the help of social media entrepreneurs/influencer.</div><div>OFFLINE<div>What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</div></div></div></div></div>	
Identify strong TR & EM	<div>4. EMOTIONS: BEFORE / AFTER<div>EM</div><div>Before: The heavy losses due to the leakages made them feel of guilt due to reduced reputation of their products. After: Increased the level of confidence and feel</div></div>			Extract online & offline CH of BE