



Problem Statement Process Flow Chart Organization Chart Cost of Poor Quality(COPQ) **Brainstorming and Affinity Diagram** Fishbone or Ishikawa Chart **Quality Function Deployment(QFD)**

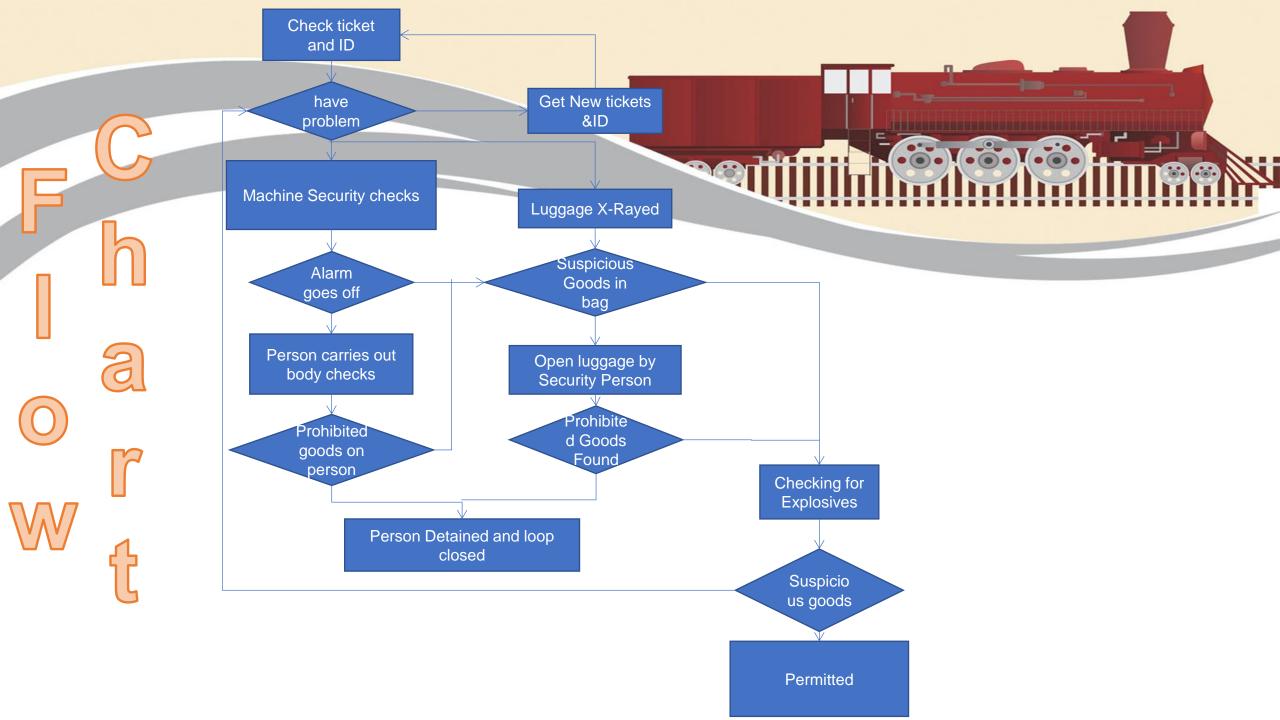
Problem Statement Output Out

Terrorism is a big threat to the world, inefficiencies in the Amtrak Station security and intelligence can create chaos and our project is to address the dynamic threat keeping abreast with the latest technology and best practices.



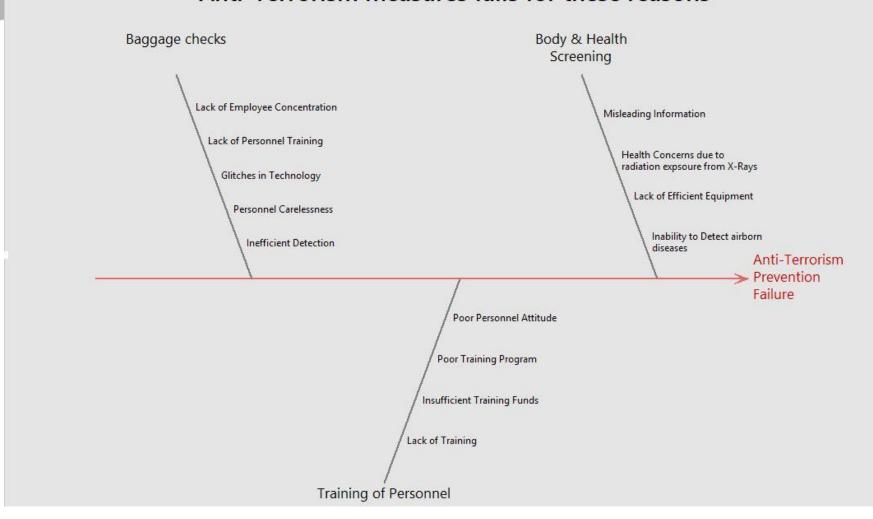






Fishbone or Ishikawa Chart

Anti-Terrorism measures fails for these reasons



COPQ TABLE

	Process	Internal Failures	External Failures	Appraisal	Prevention
	Baggage and carry on checks	Insufficient staff. Arms and weapons. Lack of quality equipment and funding for better machines.	No Prescreening done.	-	Better trained staff and create more funding for larger staff.
	Body screening/frisking	Lack of quaity machines for checks and low staff.	No Prescreening done.	Screening.	Investing in good machines and training staff well.
	Personnel Training Practices	Lack of funding lack of good training programs.	Lack of recruitment.	Evaluating all employees involved.	Constantly improve the conditions and incentivise working in AMTRAK.

Brainstorming and Affinity

PHILIP

Training of personnel

Lack of high level training

Low investment in training

Poor security development program

Lack of retaining

Body & Health Screening

No efficient equipment

Poor investment in Health hazard detections

Health concerns on Radiation

Need of updated technologies

Customs & Cargo Checks

Licensing and legal documentation

Poor decurity and surveillance

Obsolete technologies

Lawsuits and reports

Organization Chart

VicePresident of Public Safety

Security Engineering

IT Program

Risk management

Familiarity with equipments and softwares

Supervisor of operation

baggage personal

screening

Program
Processes

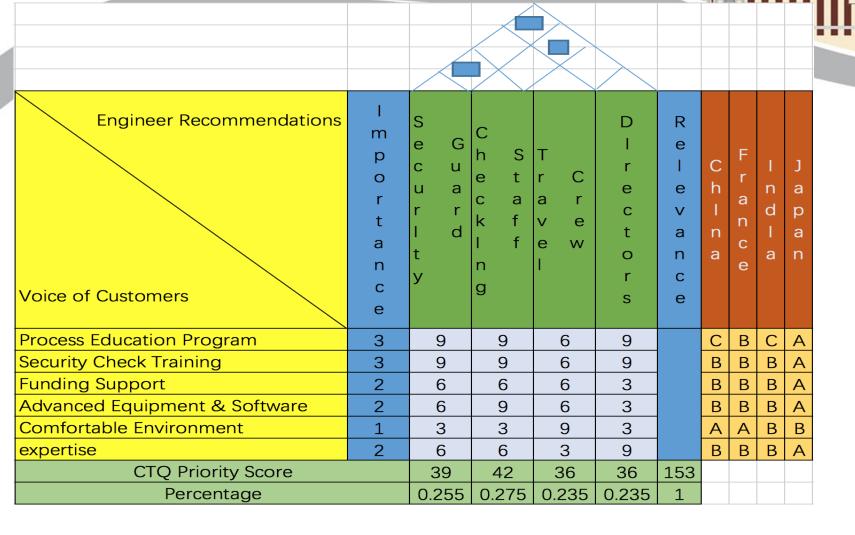
Supervisor of Security

Security guards

Training program development

Training Program Processes

Quality Function Deployment



Importance: 1-Highest

2-Medium

3-Lowest

Relationship: 9-Stronger

6-Medium

3-Small

-Positive

Negative

Relevance: A-Stronger

B-Medium

C-Lowest



Thanks

