G.O.A.L (GOTHAM OPERATIONS FOR ADVANCED LOGISTICS)

Gotham City

The Ripper Clean

20 Novembre 2024

Overview

We have decided to implement a vast change plan in order to renew and reorganize the city's garbage collection system.

Goals

- RipperTime: A Time Management Application
- RipperGPS: GPS Trackers on trucks
- RipperTablet: A tablet for employees
- RipperDrones: Drones for surveillance
- RipperCaptors: Captors on all trash cans
- RipperReport: An application for reporting incidents and asking for sanitation services
- RipperWork: A monthly reporting of the performance

Needs

In order to make the best capture of the need change a GOAL, we developed the following SWOT analysis.

SWOT ANALYSIS

STRENGTHS

- Integration of innovative technologies (IoT, drones, GPS).
- Optimization of truck routes, reducing costs and time.
- Strengthened communication with citizens through the RipperReport app.
- Improved employee scheduling with RipperTime.
- Reduced ecological footprint through targeted and optimized waste collection.
- Enhanced collaboration with law enforcement (monitoring, rapid intervention).

WEAKNESSES

- Significant initial investment (sensors, drones, tablets, etc.).
- Lack of centralized data to efficiently kick off the project.
- Resistance to change from employees and citizens.
- Required training for all users (employees and citizens).
- Increased dependency on technology (risk of breakdowns or cyberattacks).

SWOT Analysis

OPPORTUNITIES

- Improved quality of life for citizens through a cleaner environment.
- Increased employee satisfaction with fairer schedule management.
- Adoption of a modern and innovative image for the city.
- Long-term cost reduction through process optimization.
- Opportunities for partnerships with tech companies or local startups.
- Enhanced security through drone monitoring.

THREATS

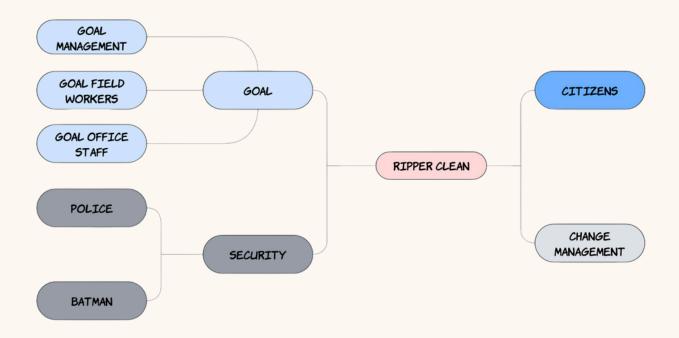
- Citizen concerns over the use of personal data (sensors on trash bins).
- Opposition from unions or employees due to perceived surveillance (GPS, drones).
- Deployment delays caused by technical or logistical issues.
- Dependency on technological suppliers.
- Negative political or social reactions if the project is seen as costly or unfair.

Considering the analysis, we deduce these necessary changes:

Gotham needs to be better organized and cleaner. The process has to be clearer and must follow standards. The relationship with the Police (and with Batman) must be appeared.

Identify

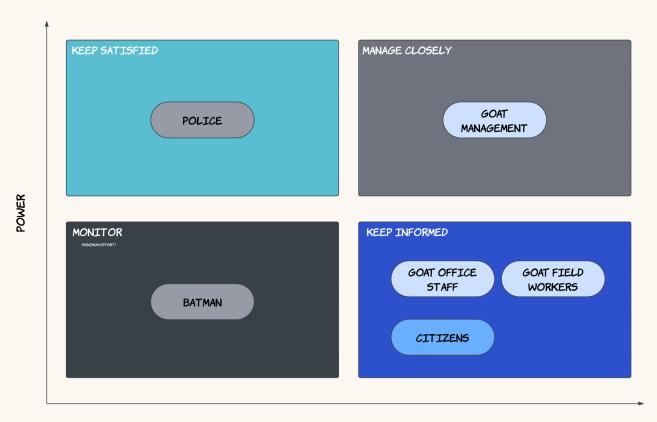
To identify all the stakeholders on the project, a stakeholders map was used. The map offers the ability to gather all the parts involved in the change and to see their relationships.



The next step in the division of the stakeholders into two categories, internal and external.

Here the GOAL team and the Changement Management team are part of the internal stakeholders, where as the Security team and the Citizens are part of the external stakeholders.

Even though everyone is involved in the change, not all will be affected the same and participate or offer the same involvement.



INTEREST

Strategic change plan

Phase	Description	Objectives
1	Preparing for change	 Define change management strategy Prepare change management teams Develop sponsorship model
2	Managing change	 Develop change management plans Take actions and implement plans
3	Reinforcing change	 Collect and analyse feedback Diagnose gaps and manage resistance Implement corrective actions Celebrate successes

According to Prosci's organizational change management process, we are going to set up three phases to carry change.

During phase 1, we have defined that the change will impact everybody in Gotham City on different levels. We have to build several teams: IT, communication and formation. The first group of poeple who are going to be impacted are employees. They are the key for change to be a success.

During phase 2, the communication is the critical part. We have to introduce to every group our strategy and what is going to change. We are going to plan training employees to use the new tools and processes. We also are going to encourage citizens to use our applications. Finally, we are going to be very close to the police to explain to them what we do. We have to be resilient and positive in order to fight resistance and aversion.

During phase 3, we have to listen to the feedback of the employees in order to improve our processes and our technologies. We have to continue communication and reward successes. Commitment of everybody is very important for this project to be successful.

Sponsors for changes

Employees impacted by change want to hear why a change is important from a leader at the very top of their organization. To do that, we will act as a sponsor.

In other enterprises, we noticed that the change was more appreciated when sponsors followed up the project. In addition, we need to justify the changes for the employees.

So we need explain the arguments for which the change appears:

- The changes appear to simplify the life of the citizens and employees. They didn't have to worry about the appointments.
- The employees will be able to see the working times in real time to see the balance of their vacation.
- The citizens can have more benefits about the security of the town because the police can intervene more quickly with the GPS trackers.
- Drones can improve the security of the citizens because we can watch the state of the city in real time and the police will be able to see more quickly when a problem appears in the city.
- The manager can improve the working times of the employees and help citizens save money.
- The citizens can immediately signal a problem in the city through the application.

In sponsor quality, we need to focus on the advantages of the citizens and employees to accept the changes.

We need to insist these changes are not to track the employees but just to save money for the city optimizing the working time, to improve the security of the city and to improve the quality of work and quality of services.

Role of management

1 - Communicator

The communication must come from the top. Every step of the change should be explained so the employees understand and take part of the change. As an employee, we should be able to answer the following questions:

- What does this change mean to me?
- What's in it for me?
- Why should I get on board?
- Why are we doing this?

The communication should come from the direct supervisor and flow from top to bottom.

What does this change mean to me? Explain the change from the employee point of view.

What's in it for me? Explain what the employee will benefit from implementing the change.

Why should I get on board? Explain to the employee his key role in the change and how his involvement will ripple and effect the change.

Why are we doing this? Explain the core principle of the change and how it will benefit every actor in this own way.

2 - Advocate

Before implementing the change to everyone, the management (both managers and supervisors) must embody the change.

The employees involvement and perception rely mostly on the way the management supports and advocates the change.

Specific and targeted methods can be applied to improve the management engagement.

3 - Coach

The **Prosci ADKAR Model** describes in five different parts how a successful change can occur at the individual level:

- Awareness of the need to change
- Desire to participate and support the change
- Knowledge on how to change
- Ability to implement required skills and behaviors
- Reinforcement to sustain the change

These five steps need to be addressed in order to implement a successful change.

4 - Liaison

The management team has a significant role a play, much like in an Agile environment

They can reply from top to bottom and bottom to top feedback, statistics and reports on the change progress.

5 - Resistance Manager

The management team has to believe the most in the change for it to progress successfully.

Answering these questions can help prepare the management team:

- is the management team aware of what is expected of it?
- Does the team understand the specific actions and behaviors needed from them to support the change effort?
- Did the change management team provide them with the necessary skills and tools to successfully lead their part through the change?