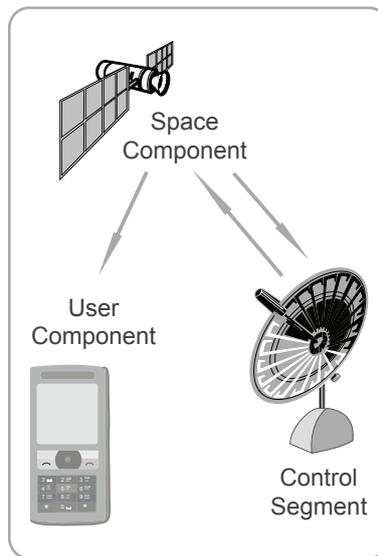
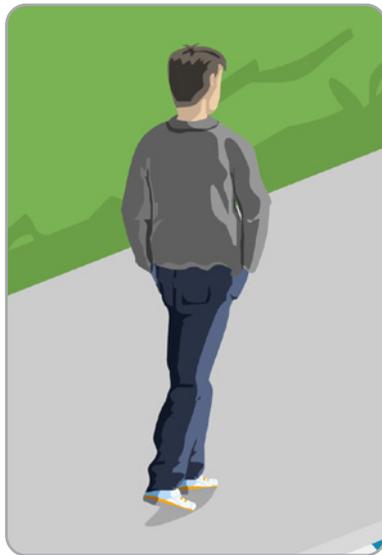


NANO - Role Play GPS Jackets

Nanotechnology has been used to develop a range of kids' clothes that contain a global positioning system (GPS). The idea is that children could never be lost if they were wearing the nano-engineered garment. It has been successful with adults who like to ski or hike alone in high altitude areas. If they lose their way or become injured it is obviously a lot easier to rescue them.

GPS is a satellite navigation system that provides the exact positioning and clock time of the wearer. It does this by sending a signal which can be received by one of the many satellites that orbit the earth. These signals are microwaves just like light and radio waves. Each signal has a unique frequency and wavelength so the wearer can be identified immediately. This means that if you get lost you could be traced and found very quickly. Would it be a comfort to you to know that you can always be traced no matter where you go, or would this make you feel that you have lost your freedom?



The Dilemma is:

Should we buy jackets with a built-in GPS?

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Should we buy jackets with a built-in GPS?

Stakeholder: Manufacturer

- Read the text on your card and share your opinion with the group

You represent a company that has developed the "GPS jacket" and is seeking to market them.

Your primary motivations are:

- To provide a valuable product to consumers.
- To generate profit for shareholders.

The sad truth is that children do go missing and parents want to take all possible measures to protect against this. We have created a jacket that gives parents some reassurance that if their children were to go missing and they were wearing this, they would have the best chance of finding them again. What parent wouldn't want that?

- **Share your opinion with the group**

I think.....

- Note: you may come up with additional ideas, don't feel limited by the information above.

The Dilemma is:
Should we buy jackets with a built-in GPS?

Stakeholder : Human Rights Activist

- Read the text on your card and share your opinion with the group

You represent an organisation that is concerned with protecting civil rights

Your primary motivations are:

- To protect the fundamental right to personal privacy.
- To enhance awareness of children's rights.

To tag children in this way is an affront to human freedom. It is a human right to be free to move without being monitored. This product represents an erosion of the value of freedom; if we accept this as normal for our society then where will it end?

It is wrong to have the power to pinpoint anyone in this way. This type of product should not be marketed.

- **Share your opinion with the group**

I think.....

- Note: you may come up with additional ideas, don't feel limited by the information above.

**The Dilemma is:
Should we buy jackets with a built-in GPS?**

Stakeholder: Parents

- Read the text on your card and share your opinion with the group

You represent parents.

Your primary motivations are:

- To protect your children from getting lost.
- To have peace of mind, knowing where your children are at any time.

Unfortunately the world is a risky place where all kinds of dangers await at every corner. As parents we have a responsibility to protect our children and our knowing where they are at all times will keep them safe. However it does make me uncomfortable on one level because I wonder what kind of view my children will have of the world: will they ever have a sense of true freedom?

- **Share your opinion with the group**

I think.....

- Note: you may come up with additional ideas, don't feel limited by the information above.

**The Dilemma is:
Should we buy jackets with a built-in GPS?**

Stakeholder: Government

- Read the text on your card and share your opinion with the group

You represent the Government, which can make laws preventing certain uses of the GPS, and enforce those laws.

Your primary motivations are:

- Protect the citizens' privacy and freedom.
- Promote new technologies that will improve safety and quality of life.

We are aware that not every parent could afford this jacket. Don't all children deserve the same level of protection?
Data gathered by the GPS could be used to monitor the population. Could it get into the wrong hands, e.g. rogue states/spying by other governments, if they hack into the GPS monitoring system?

- **Share your opinion with the group**

I think.....

- Note: you may come up with additional ideas, don't feel limited by the information above.

NANO - Role Play
GPS Jackets

The Dilemma Is:

Should we buy (or should our parents buy for us) jackets with a built-in GPS?

Stakeholder: Child (You)

What is your opinion?