

# Ivanti\_MarketPlace

Ivanti marketplace for software packages.

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# Technology Impact Cycle Tool

Ivanti\_MarketPlace

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## Impact on society

What impact is expected from your technology?

### What is exactly the problem? Is it really a problem? Are you sure?

Ivanti has a platform called Ivanti Edge Intelligence which is a platform for IT administrators for receiving facts within their environment. With these facts administrators are able to gather insights and take actions in their environment. The goal of the project is to extend the capabilities of the sensors. This will be done with a marketplace where new content can be posted by Ivanti, partners or the community. The current problem thus is that there is no way to share packages with others.

### Are you sure that this technology is solving the RIGHT problem?

We are sure this is solving the right problem. Ivanti wants to create a new marketplace for packages so they, their partners, and the community can share packages they have created.

### How is this technology going to solve the problem?

By creating the platform Ivanti, partners and the community will be able to share their packages onto the platform and others can install packages into their Ivanti edge environment

### What negative effects do you expect from this technology?

We don't expect any major negative effects from this technology.

### In what way is this technology contributing to a world you want to live in?

This technology will not have a major impact on the daily lives of people it'll be a useful tool for those managing Ivanti edge intelligence systems to install packages. This technology does comply with our personal values because it doesn't do anything evil. It's just a marketplace.

### Now that you have thought hard about the impact of this technology on society (by filling out the questions above), what improvements would you like to make to the technology? List them below.

There is no way to improve this technology so that it contributes to a world we want to live in. The context where the technology will be used in is just as a marketplace for users of the Ivanti edge platform.

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## Hateful and criminal actors

What can bad actors do with your technology?

### **In which way can the technology be used to break the law or avoid the consequences of breaking the law?**

This technology could be used by evil nefarious actors by uploading malware to the platform and hoping other users will install these packages onto their platform.

### **Can fakers, thieves or scammers abuse the technology?**

The platform could be used to harass companies. If an user were to upload a package with an harrasing/insulting name to a specific company/individual this could be considered harrasing/insulting that company/individual. We however do not see ways to create societal unrest because it's a platform dedicated to users of the Ivanti edge Intelligence platform and not the whole world.

### **Can the technology be used against certain (ethnic) groups or (social) classes?**

There are no ways this technology can be used against certain groups.

### **In which way can bad actors use this technology to pit certain groups against each other? These groups can be, but are not constrained to, ethnic, social, political or religious groups.**

There are no ways this technology can be used to pit certain groups against other groups.

### **How could bad actors use this technology to subvert or attack the truth?**

This technology can't be used to subvert or attack the truth because it is not a major platform for news or social interaction.

### **Now that you have thought hard about how bad actors can impact this technology, what improvements would you like to make? List them below.**

In this chapter we talked about how the technology could be used to upload malware and/or harass companies/individuals. There should be ways to mitigate this by for example quality control. Or have a seperate page for user generated content that hasn't been approved by ivanti/partners.

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## Privacy

Are you considering the privacy & personal data of the users of your technology?

### **Does the technology register personal data? If yes, what personal data?**

This technology does register personal data. IT registers user generated content. Usernames, emails, passwords, names and surnames.

### **Do you think the technology invades the privacy of the stakeholders? If yes, in what way?**

This technology does not invade the privacy of users. The asked for personal data is standard data used to create accounts anywhere else. Therefore I think people will not feel violated.

### **Is the technology is compliant with prevailing privacy and data protection law? Can you indicate why?**

We do not think our technology will be compliant with the GDPR from the start. We are software engineering students that have no idea about the workings of the GDPR.

### **Does the technology mitigate privacy and data protection risks/ concerns (privacy by design)? Please indicate how.**

This technology does collect the bare minimum of data required. The technology will consider data privacy by design.

### **In which way can you imagine a future impact of the collection of personal data?**

The data collected about user can't be used to follow them throughout their lifetime. It's an account on a technology for user created content for a specific platform of Ivanti.

### **Now that you have thought hard about privacy and data protection, what improvements would you like to make? List them below.**

One of the improvements I would like to make is to know more about the GDPR and it's requirments to be more compliant with this technology to the applicable laws.

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## Human values

How does the technology affect your human values?

*This category is not applicable for this technology.*

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## Stakeholders

Have you considered all stakeholders?

*This category is only partial filled.*

**Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by answering these questions.**

### **Name of the stakeholder**

Ivanti Edge Intelligence users

### **How is this stakeholder affected?**

By creating this technology they have an easy platform to share packages onto so that they can have better insights into what their sensors are telling them.

### **Did you consult the stakeholder?**

No

### **Are you going to take this stakeholder into account?**

Yes

### **Name of the stakeholder**

Ivanti

### **How is this stakeholder affected?**

Ivanti is the company where this technology is being developed for. It will allow them to have a marketplace of packages for their Edge intelligence platform.

### **Did you consult the stakeholder?**

Yes

### **Are you going to take this stakeholder into account?**

Yes

### **Name of the stakeholder**

Fontys Students.

### **How is this stakeholder affected?**

The fontys students are developing this technology to progress their career in software engineering.

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Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

Did you consider all stakeholders, even the ones that might not be a user or target group, but still might be of interest?

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Now that you have thought hard about all stakeholders, what improvements would you like to make? List them below.

We don't see ways of improving this.

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## Data

Is data in your technology properly used?

**Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into account in the technology?**

This technology does not collect much data. The only kind of data it will collect is the user data such as passwords, names, usernames, ect and user generated content. Therefore the technology does not have to deal with these kinds of pitfalls and shortcomings.

**How does the technology organize continuous improvement when it comes to the use of data?**

Non applicable

**How will the technology keep the insights that it identifies with data sustainable over time?**

non applicable.

**In what way do you consider the fact that data is collected from the users?**

Data will be collected from the users such as username, password, name and other required information. However this data will not be sold.

**Now that you have thought hard about the impact of data on this technology, what improvements would you like to make? List them below.**

There are no improvements that we as a group think are neccisary



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## Inclusivity

Is your technology fair for everyone?

*This category is not applicable for this technology.*

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## Transparency

Are you transparent about how your technology works?

*This category is not applicable for this technology.*

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## Sustainability

Is your technology environmentally sustainable?

*This category is not applicable for this technology.*

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## Future

Did you consider future impact?

*This category is not applicable for this technology.*