



## Technology configuration inventory

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Community (UN SD goal): #16 – Peace, Justice and Strong Institutions, #4 – Quality Education

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### Instructions

It is useful to inventory the current technology configuration of the community, i.e., the current technology that the people working, learning, advancing knowledge (etc.) in the specific area you are engineering software for are using, as a way to understand the community better and what matters to them better. If yours is a new community, it may not have any specific technology yet, but even for brand new communities, the current configuration may not be empty, for instance if general tools like email or phone are going to be used. You can use a version of the table on the next page to inventory and analyze the current configuration of your community:

1. Get the big picture. Research the area and make a list of all the platforms and stand-alone tools in your community's configuration as best you can
2. For each platform, list the tools and check the ones that are being used. Why are some not being used? Are there duplicates? Are there issues around integration between tools?
3. To the left, make a note of which community activities/orientations the tools currently support in your community
4. To the right, identify the key features of tools. Are some of these features commonly or rarely used? What are the reasons for that?
5. Assess actual tool use if you can. Identify which are dominant and which are only used by smaller groups and individuals.

**NOTE:** Add new rows as needed below. Please know your search should be as exhaustive as possible given the area you are researching

Platform	Regina Police Website		
Supported activities	Tools	Key features	Usage notes
- Browse through a database of missing people and see whether they have been found	<input checked="" type="checkbox"/> Check date and location <input type="checkbox"/> Leave tip for the police <input checked="" type="checkbox"/> Information on how to contact the police to leave a tip <input checked="" type="checkbox"/> View picture of the missing person <input checked="" type="checkbox"/> Share information about the missing person on social media	<ul style="list-style-type: none"> <li>- Appealing layout</li> <li>- Updated to reflect relevant information (such as if the person has been found)</li> </ul>	This website is available to the general public to view as they please through any web browser
Platform	Facebook		
Supported activities	Tools	Key features	Usage notes



<ul style="list-style-type: none"> <li>- Missing persons Canada Facebook group</li> <li>- Browse through latest blog posts of missing people reported in Regina</li> </ul>	<input checked="" type="checkbox"/> Check date and location <input type="checkbox"/> Leave tip for the police <input checked="" type="checkbox"/> Information on how to contact the police to leave a tip <input checked="" type="checkbox"/> View picture of the missing person <input type="checkbox"/> Share information about the missing person on social media	<ul style="list-style-type: none"> <li>- Familiar layout for users that are active on Facebook</li> <li>- Notifications if part of the group</li> <li>- Updated to reflect relevant information (such as if the person has been found)</li> </ul>	<p>The group has 23000 members and regular updates, but is not focused on Regina</p>
<ul style="list-style-type: none"> <li>- Regina Police Missing Person Facebook group</li> </ul>	<input type="checkbox"/> Check date and location <input type="checkbox"/> Leave tip for the police <input type="checkbox"/> Information on how to contact the police to leave a tip <input type="checkbox"/> View picture of the missing person <input type="checkbox"/> Share information about the missing person on social media <input checked="" type="checkbox"/> Share information on events educating public about trafficking	<ul style="list-style-type: none"> <li>- Updated by Regina Police</li> <li>- Familiar layout for users that are active on Facebook</li> <li>- Notifications if part of the group</li> </ul>	<p>The group was created in late July 2021, and only has one relevant post since then.</p>
<b>Platform</b>	<b>Missing People Canada Website</b>		
<b>Supported activities</b>	<b>Tools</b>	<b>Key features</b>	<b>Usage notes</b>
<ul style="list-style-type: none"> <li>- Browse through a database of missing people and see whether they have been found</li> </ul>	<input checked="" type="checkbox"/> Check date and location <input type="checkbox"/> Leave tip for the police <input checked="" type="checkbox"/> Information on how to contact the police to leave a tip <input checked="" type="checkbox"/> View picture of the missing person <input checked="" type="checkbox"/> Share information about the missing person on social media <input checked="" type="checkbox"/> Narrow down area of interest using filters	<ul style="list-style-type: none"> <li>- Option for users to update to reflect relevant information (such as if the person has been found)</li> <li>- Layout similar to that of a news page</li> </ul>	<p>This website is available to the general public to view as they please through any web browser</p>



Stand-alone tool		MCSC Recu App (Missing Children's Society Canada)	
Supported activities	Tool	Key features	Usage notes
<ul style="list-style-type: none"><li>- Browse through a database of missing children in Canada</li></ul>	<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Check date and location</li><li><input checked="" type="checkbox"/> Leave tip for the police</li><li><input checked="" type="checkbox"/> Information on how to contact the police to leave a tip</li><li><input checked="" type="checkbox"/> View picture of the missing person</li><li><input checked="" type="checkbox"/> Share information about the missing person on social media</li><li><input checked="" type="checkbox"/> Narrow down area of interest using filters</li><li><input checked="" type="checkbox"/> View recent alerts</li></ul>	<ul style="list-style-type: none"><li>- Database app focusing on missing children in Canada</li></ul>	<p>The app is ideal in terms of layout but is not updated often in terms of area and does not reflect new information.</p>