

Technology configuration inventory

Name:	Intelligrain
Community & UN SDG(s):	2 - Zero Hunger, , 8 - Decent work & Economic Growth, 9 - Industry Innovation and Infrastructure, 12 - Responsible production
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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	Ukko Agro		
Supported activities	Tools	Key features	Usage notes
<ul style="list-style-type: none"> - Crop monitoring - Yield protection - Soil analysis - Weather forecast integration 	<ul style="list-style-type: none"> - Ukko Agro mobile app - Ukko Agro web dashboard 	<ul style="list-style-type: none"> - Real-time crop monitoring and health assessment - AI driven yield prediction and forecasting - Soil analysis tools for optimal fertilization - Integration with weather forecasts for informed decision making 	<ul style="list-style-type: none"> - Mobile app used for on the go monitoring - Regularly update crop data for accurate yield predictions - Users like that you can go in and select different fields/weather stations

Platform	AFS Connect
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Supported activities	Tools	Key features	Usage notes
<ul style="list-style-type: none"> - Farm machinery management - Data telemetry - Precision agriculture - Fleet tracking 	<ul style="list-style-type: none"> - AFS Connect App - AFS Connect web portal 	<ul style="list-style-type: none"> - Remote monitoring and management of farm machinery. - Telemetry data collection for machine performance analysis. - Precision agriculture tools for variable rate applications. - Fleet tracking for efficient logistics. 	<ul style="list-style-type: none"> - Mobile app used for real time updates - Fleet data

Platform	My John Deere		
Supported activities	Tools	Key features	Usage notes
<ul style="list-style-type: none"> - Equipment management - Precision farming - Data analytics - Parts and maintenance tracking 	<ul style="list-style-type: none"> - My John Deere mobile app - My John Deere web portal 	<ul style="list-style-type: none"> - Equipment management and maintenance scheduling. - Precision farming tools for optimized field operations. - Data analytics for yield analysis and decision support. - Parts and maintenance tracking for efficient maintenance. 	<ul style="list-style-type: none"> - Personalized farm management - Remotely monitor John Deere equipment

Platform	Croptimistic		
Supported activities	Tools	Key features	Usage notes



<ul style="list-style-type: none"> - Crop Management - Field Scouting - Pest and Disease Monitoring - Harvest Forecasting 	<ul style="list-style-type: none"> - Cromptimistic Mobile App - Cromptimistic Web Dashboard 	<ul style="list-style-type: none"> - Comprehensive crop management tools for planting and harvesting. - Field scouting and image analysis for crop health assessment. - Pest and disease monitoring with early warning alerts. - Harvest forecasting and yield optimization. 	<ul style="list-style-type: none"> - Field data collection; scout fields using the image analysis feature for crop health assessments - Soil, water, and topography map used to calculate variable rate fertilizer, soil amendment, pesticide, and/or precision water management
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Platform	Tend		
Supported activities	Tools	Key features	Usage notes
<ul style="list-style-type: none"> - plan crops - keep records - manage daily operations - track sales 	<ul style="list-style-type: none"> - Crop Planner - Tasks - Pick and Pack 	<ul style="list-style-type: none"> - Project crop yields, income amounts, number of greenhouse flats & transplants, and seed order lists - Auto-generate planting & seeding tasks for crops - Manage farm tasks - Print pick lists and pack slips - See yield reports by crop, variety, or planting 	<ul style="list-style-type: none"> - Manage for members on a farm - auto-generate yield predictions and income amount based on the entered plan. - Track income and orders