

INSITE LIFECYCLE



TRACK

VALIDATE

DELIVER

Your complete NV5 Geospatial project from acquisition to delivery

NV5 Geospatial's INSITE LIFECYCLE combines project tracking and quality assurance and control so you can see your project executed in real-time on a map from acquisition through processing. This instant access to data allows for a collaborative data validation of imagery and lidar derivatives, letting you review and flag issues for more responsive reprocessing. All via cloud-based "contactless" data delivery.



PROJECT TRACKER

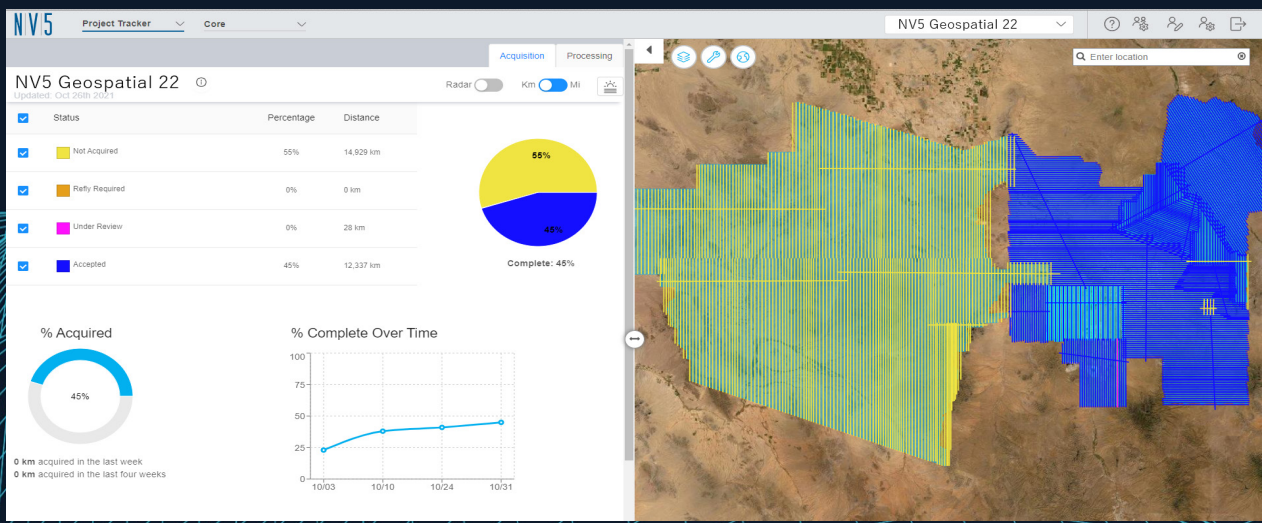
INSITE Project Tracker creates a single source of truth for geospatial bulk data collection projects. Track lidar, imagery, and ground survey projects from planning and acquisition through processing and delivery in a simple, cross-platform web application.

DATA REVIEWER

INSITE Data Reviewer moves geospatial quality control to the cloud to increase speed and reduce costs. An unlimited number of reviewers can access aerial imagery, lidar data, GIS layers, and more and make standardized data validation calls to identify, track, and resolve quality issues.

DATA DELIVERY

INSITE Data Delivery Module provides cloud based delivery of all of NV5 project deliverables. Whether it be high density lidar files, orthoimagery or even ESRI based files.



INSITE

Project Tracker



Forrest Resources



Government Agencies



Pipeline Integrity

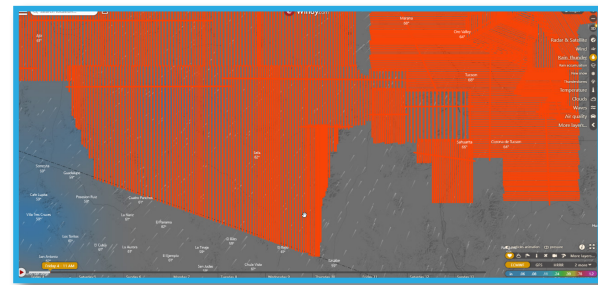


Electric Utilities

INSITE's Project Tracker creates a single source of truth for geospatial bulk data collection projects. Track lidar, imagery, and ground survey projects from planning and acquisition through processing and delivery in a simple, cross-platform web application.

INSITE's Project Tracker module breaks down communication and planning barriers for large-scale geospatial data collection. INSITE presents your flight plan or ground survey progress in an elegant web map, providing visibility and transparency for all project stakeholders. No more waiting for next Monday's status report: INSITE's simple upload system allows data collection teams to refresh flight line status and report daily results within minutes of landing.

Continuously updated heat maps and statistics enable you and your vendor to intelligently re-task resources when challenges arise. Data processing stats help you track project health through the final delivery. Centralized, single-source data keeps all funding partners and project stakeholders on the same page.



Total Visibility

Run meetings directly from your browser with live project maps and on-demand statistics for data collection and processing. Audit vendor performance with complete visibility to collection, delivery, and version control statistics with drill down to individual flight lines and data tiles. Identify recurring issues so you can ask the right questions and solve problems faster.



Live Communication

Get the ground-up perspective on your data collection project with status updates from survey crews, pilots, and sensor operators. With INSITE's Project Tracker you'll learn about hardware performance, aircraft maintenance, and other project risks without having to contact your data vendor for status updates. A searchable project history helps you spend less time on the phone or digging



Multiple Projects

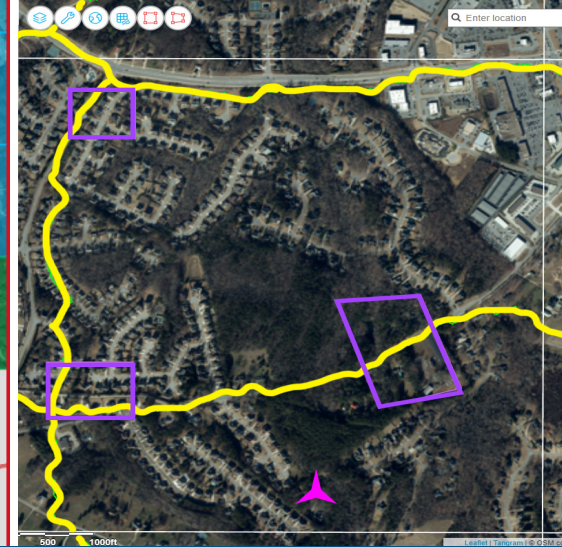
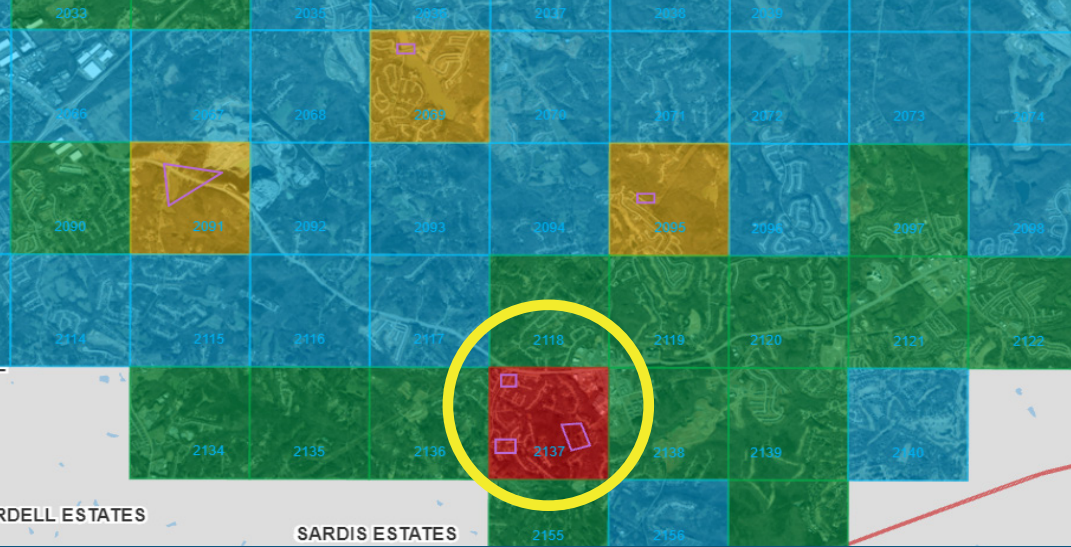
INSITE supports concurrent tracking for an unlimited number of projects and data formats. Monitor dispersed collection efforts in a centralized location. Compare budget and schedule efficiency with past projects to assess the health of current data collection efforts.



Integrated Weather




INSITE's integrated weather tools allow storm and cloud cover tracking across your project area. Visualize weather events in the same map view as your data collection plan then mobilize resources to take advantage of nearby blue skies.

For more information or to speak with an INSITE specialist, contact



INSITE Data Reviewer



 Forest Resources
  Government Agencies
  Roads & Railroads
  Oil & Gas Assets

INSITE Data Reviewer moves geospatial data validation to the cloud to increase speed and reduce costs. An unlimited number of reviewers can access aerial imagery, lidar data, GIS layers, and more and make standardized QC calls to identify, track, and resolve quality issues.

THE CHALLENGE

Any major project with deliverables needs a process embedded to guarantee the quality of the final product. Testing and validation are pillars of sound project management, ensuring project deliverables meet or exceed expectations and result in the maximum return on investment. Additionally, huge files, costly desktop software, and inefficient review processes can make geospatial projects slow and painful. Data validation requires mailing hard drives, copying huge files, and tracking issues with email, spreadsheets, and screenshots. Desktop licenses, configuration times, and other IT resources restrict QA teams. Communication and data distribution can delay projects by weeks or months.

THE DATA REVIEWER SOLUTION

INSITE Data Reviewer is our third module within the INSITE Lifecycle suite of products that's responsible for facilitating and coordinating data validation activities making sure your remote sensing data is of the utmost quality.

The INSITE Data Reviewer module allows quality control teams and vendors to collaborate in real time on large datasets. Cloud-based quality assurance increases speed by eliminating shipping and on-site file copying and reduces costs by replacing specialized desktop software. INSITE Data Reviewer scales with your team so you can assign work to an unlimited amount of reviewers. Your team and your vendor view the same data at the same time to ensure project perfection in a single pass.

BaseName	Assigned To	Status	Call Count	Bands	Bit/Per	Camera	Compress
2095	Gregg Simms	Warning	1	4	8	NONE	
2069	Gregg Simms	Warning	1				
2137	Gregg Simms	Reject	3				
1874	Gregg Simms	Passed	0				
2119	Gregg Simms	Passed	0				
2155	Gregg Simms	Passed	0				
2120	Gregg Simms	Passed	0				
2138	Gregg Simms	Passed	0				
2139	Gregg Simms	Passed	0				
2134	Gregg Simms	Passed	0				
2033	Gregg Simms	Passed	0				
2034	Gregg Simms	Passed	0				
0822	Gregg Simms	Passed	0				
2061	Gregg Simms	Passed	0	4	8	NONE	
0134	Gregg Simms	Passed	0	4	8	NONE	
0136	Gregg Simms	Passed	0	4	8	NONE	
2027	Gregg Simms	Passed	0	4	8	NONE	
2136	Gregg Simms	Passed	0	4	8	NONE	
0137	Gregg Simms	Passed	0	4	8	NONE	
0940	Gregg Simms	Passed	0	4	8	NONE	
1173	Gregg Simms	Passed	0	4	8	NONE	

CLOUD

NV5 GEOSPATIAL



INSITE Data Delivery



Forest Resources



Government Agencies

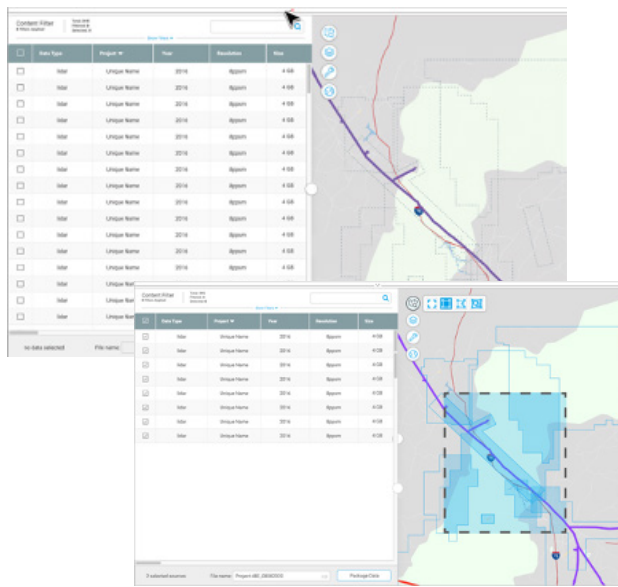


Roads & Railroads



Oil & Gas Assets

INSITE's Data Delivery Module provides cloud based delivery of all of NV5 project deliverables. Whether it be high density lidar files, orthoimagery or even ESRI based files, INSITE Data Delivery ensures your data is easy to access and download.



Be it data of a single location or an entire state INSITE's data delivery platform supports a multitude of options (browser based through common FTP solutions) to ensure you get your data no matter how "big it is". Gone are the days of having to wait for your data drive to arrive by mail. With INSITE data delivery you can start taking possession of your data as soon as it is ready speeding up delivery timelines and allowing you to get more value from your data at a faster pace.

Misplaced and old projects data? It happens but with INSITE you can request old project data be restored so you can rest assured you will never lose any data. Many organizations struggle to handle and manage all the data they are being delivered the file sizes and formats can be a nightmare to try and keep disseminated to the entire organization. With INSITE we can also host your geospatial data in the cloud. Let INSITE manage your data so you can stay focused on your critical business functions. Get the most from your data with NV5 Geospatial INSITE.



ACCESSIBILITY

INSITE provides a single location where customers can store and access all their geospatial source data. No matter how dispersed your teams are rest assured data is accessible for everyone.



REDUCED LOCAL RESOURCES

3D data and geospatial imagery still have high storage requirements relative to other types of data a user stores locally. Downloading only the data that's necessary to perform a specific task instead of managing full 3D or imagery projects locally is much easier for users.



REDUCED COST

INSITE's cloud storage is cheaper and easier to manage than local storage for the massive data volumes created by 3D point cloud data and geospatial imagery



PHYSICAL SAFETY

Eliminating physical hard drives helps to reduce chances for disease transmission during the COVID-19 pandemic. INSITE's cloud based "contactless delivery" is the safest way to receive your geospatial data.



AUTHORITY

INSITE's centralized storage with role-based