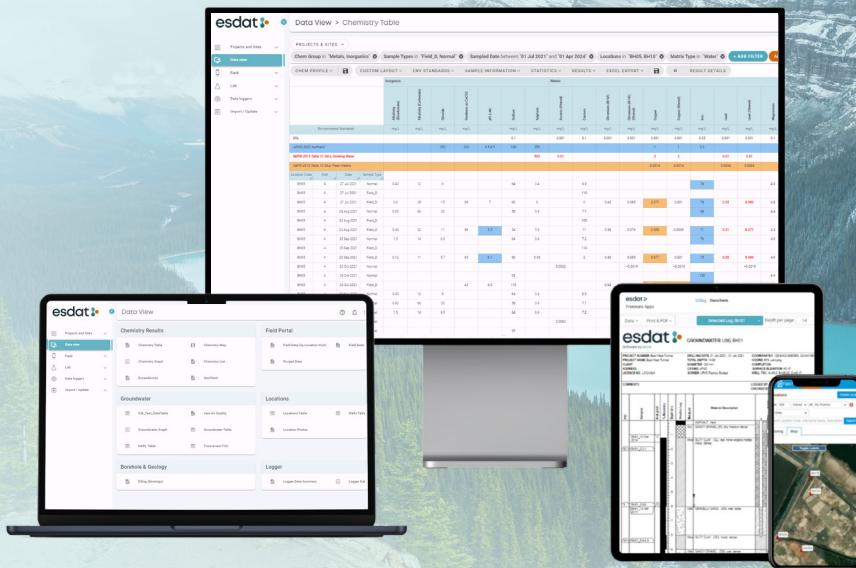




Software by **escis**

**Helping you do what you want
with your data.**



Environmental Data Management Software
The Complete Workflow

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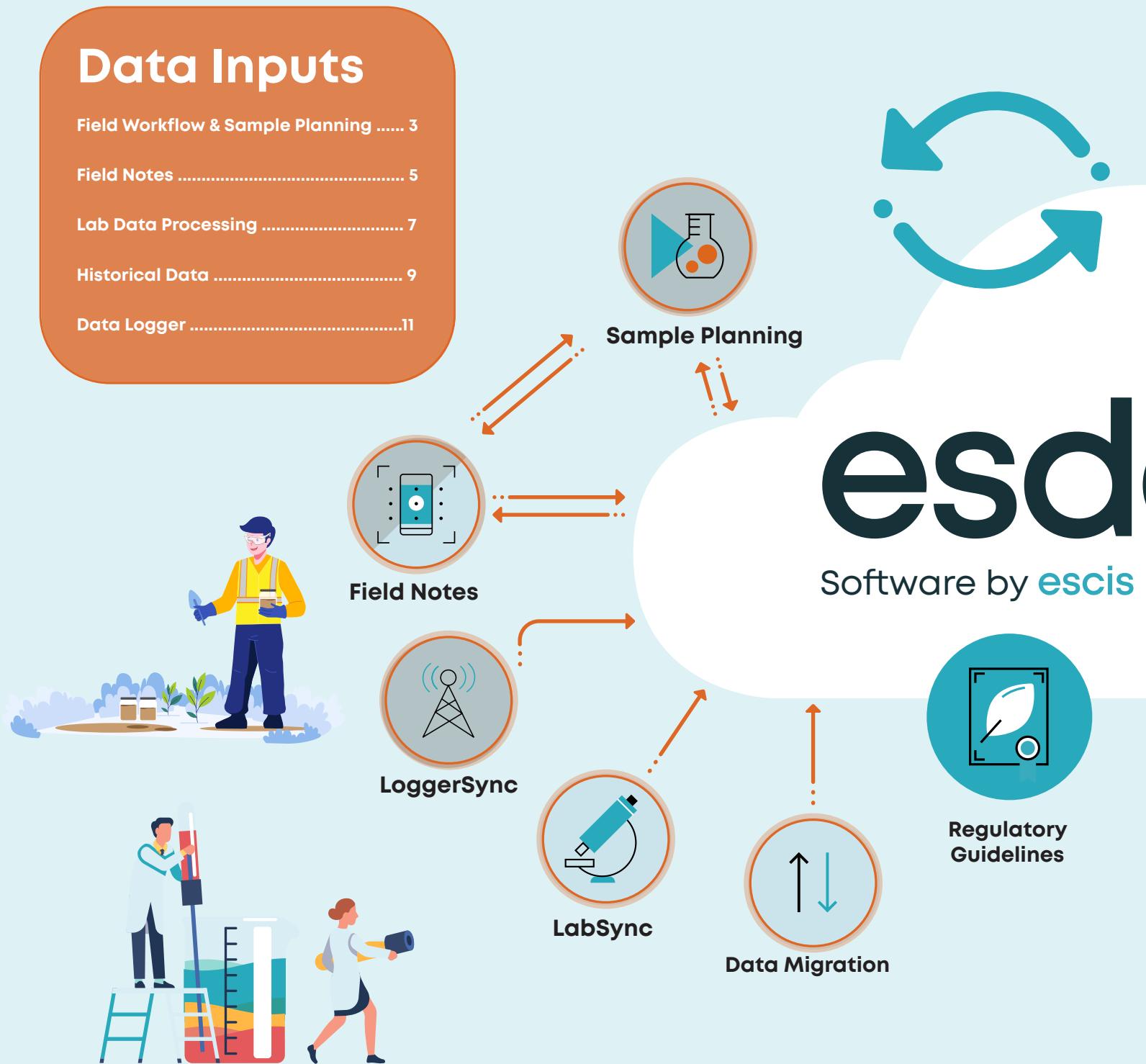
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ESdat Environmental Software Pro



ESdat Data Management Project Lifecycle



Data QA, Review
and Acceptance

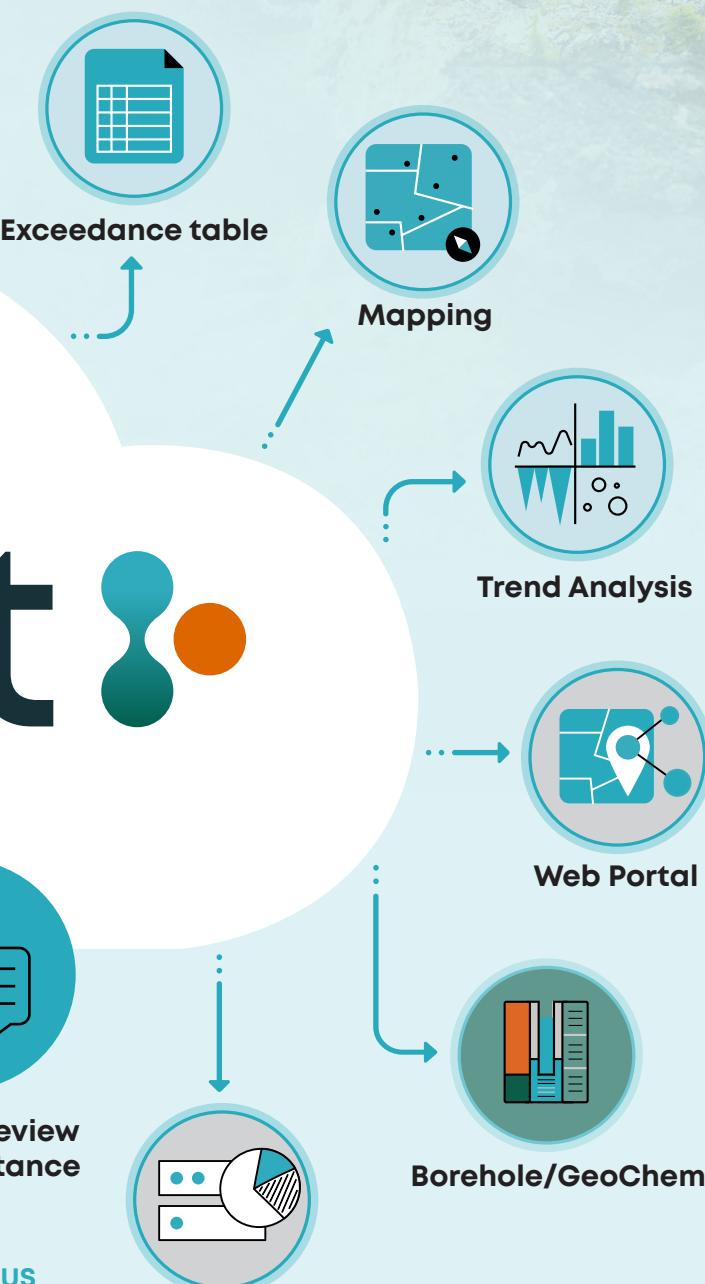


CONTACT US

Custom Reports*

* Engage with specialists for the potential to build Custom Reports. Customizations are available via ESdat Server only.

Contact us to learn more.



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Legend

- ESdat Core Features
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Data Management System for Environmental Professionals

Fast. Intuitive. Accurate. A better way to manage all
your environmental data needs.

ESdat is an intuitive and user-friendly software that helps environmental scientists and engineers manage a wide range of environmental data. ESdat accepts and compiles data from laboratories, field programs, data loggers, sensors, historical sources, and environmental standards. All in one place.

With ESdat, you can more efficiently analyze, report and share data while ensuring the highest level of quality control. ESdat allows rapid map-based querying as well as the generation of a diverse range of standard reports, such as comparison tables, time-series graphs, maps, and statistics.

Easy Implementation

ESdat's intuitive user interface and wide compatibility allow for easy adoption without needing a specialized team to use or manage the software. We will work with you to integrate ESdat with your business process in a non-disruptive manner.

Reduce Costs

Reduce the time and resources spent on managing your data. Improve efficiency and flexibility by having all your data organized in one place, accessible anytime, anywhere.

Focus on What Matters

Automate the data management process so you can focus on developing and implementing solutions for your clients. Increase data confidence with built-in QA tools and regulatory guideline exceedance alerts.

Trusted by the Environmental Industry

Used by environmental industry professionals from every continent of the world. ESdat sets the gold standard for modern environmental data management systems.

Key Features



Consolidate Your Field & Lab Data

A centralized database in the cloud with your field and laboratory data integrated. Capture data with the app, e-forms, loggers or scan physical documents in the field. Automatically upload lab data into your system and generate reports.



Standardized Data Views

Visualize findings without having to go through time-consuming data manipulation. Create custom templates to present your data consistently with one click.



Scalable To Your Needs

ESdat is scalable to fit the needs of a single user through to enterprises with hundreds of users. Rest assured that you are getting precisely what you need, when you need it.



Custom Notifications

Set automated notifications for everything from lab report receipts to regulatory guideline exceedances.



Robust Cybersecurity

Rest assured that your data is protected from prying eyes with industry-leading encryption.



Project & Site Management

Access all your projects and sites in one place. Create work plans, allocate tasks and create reports that are automatically loaded into the corresponding projects.



Improve Data Confidence

Get consistent data from source to destination with built-in QA tools. Eliminate common data management challenges and time-consuming manual data entry.



Wide Compatibility

Easily integrate ESdat with existing workflows and third-party applications. Access all your data, anywhere, with the user-friendly web interface.



Regulatory Compliance

ESdat comes with a pre-compiled library of regulatory guidelines. Automatically compare your data as it arrives and receive alerts for guideline exceedances in real time.

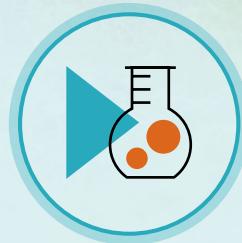
Don't see what
you need?

Visit our website to
learn more.



Add-on Function:

Field and Sample Planning Workflow (LSPECS)

ESdat - Environmental Data Management System

Enable more flexible and efficient monitoring programs with the ESdat Field and Sample Planning Workflow module (LSPECS). This module allows you to pre-plan monitoring programs, assign monitoring rounds to team members, and track their progress, all within ESdat. LSPECS is ideal for pre-scheduling complex monitoring programs, often with particular monitoring requirements and involving multiple people and/or locations.

Key Benefits

Improve team confidence and real-time data access

Say goodbye to uncertainties. Assign monitoring rounds beforehand, track real-time field progress, and empower your team with a clear checklist of tasks. LSPECS eliminates guesswork from the field, instilling confidence and ensuring everyone is on the same page. Team members can upload data for immediate access by project managers directly through the ESdat Field App for seamless collaboration.

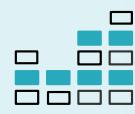
Improve monitoring program efficiency

Optimize resources for data interrogation and decision-making. LSPECS eliminates common fieldwork challenges from time-consuming communication efforts to manual data transcription. Team members can focus on their field tasks without guessing or waiting for clarification.

Automated electronic workflow

Embrace paperless workflows without compromising data integrity. LSPECS streamlines planning, execution, and review of monitoring programs. With built-in support for electronic chain of custody (eCOC), maintain control over lab submissions even after fieldwork.

Key Features



Planning

Design, delegate and manage recurring or required sampling events:

- Define sampling locations and samples to obtain
- Specify laboratory analyses, containers and labels.
- Define field parameters and other information.
- Create project schedules and assign the work to field staff.
- Define the frequency of the sampling.



In-Field

Data can be captured in the field using the ESdat Field App. Results are automatically uploaded to ESdat and synchronized with the LSPECS Monitoring Round Dashboard.

- Get live oversight of field data collection.
- Receive notifications for critical decision points.
- Review field results and lab samples collected.
- Update analysis requirements.
- Send an eCOC while the samples are still in transit.



Post-Field

Review results to ensure compliance with the sample planning. Sampling details are automatically reconciled from LSPECS when lab reports are received.

- Lab results are validated by ESdat upon receipt.
- Receive notifications for any flagged inconsistencies or exceedances of guidelines.
- Approve data for interpretation and reporting.
- Create your own lab e-quote and track progress



Laboratory e-quote and progress tracking

Contact us about using the e-quote and progress tracking functions with your laboratory. We will work with your lab to make sure they support this feature.

Learn more about LSPECS



For more information
www.escis.com/contact
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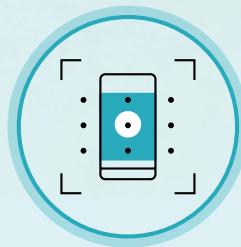
Where the existing ESdat functionalities are not sufficient for your business needs, our team can help tailor ESdat to fit your exact requirements. Talk to us about more complex deployments of our solutions.

* Please note that a separate license is needed to enable offline usage of the ESdat Field App.

Core Functions:

Field Portal

ESdat - Environmental Data Management System



Use the ESdat Field Portal to collect monitoring data in the field and sync them to your ESdat database. Streamline monitoring for multiple environmental parameters by eliminating paper notes and manual data transcription. Works on a wide range of modern, supported smartphone, tablet or computer with an active internet connection or opt for offline* capabilities.

Key Benefits

Improve field data capture and reporting efficiency

ESdat is intuitive and easy to use. Configurable to fit your monitoring needs, the Field Portal enables a streamlined workflow that frees up resources from manual data transcription and reporting. Allowing you to dedicate more effort to crucial tasks like data interrogation and decision making.

- Gain real-time stabilization feedback for groundwater wells during purging operations, with clear time stamps for samples and configurable monitoring criteria.
- Configure reporting templates as you like and effortlessly generate matching reports for your data.
- Generate specialized Field Sheet Reports and standard data tables and graphs.
- Export professional reports to common formats, including PDF, Word, and Excel, facilitating easy sharing and collaboration.

Reduce human errors and data inconsistencies

With the ESdat Field Portal, your field data gets uploaded directly to your ESdat database upon collection. Minimize human errors and improve field data collection flexibility by eliminating paper notes.

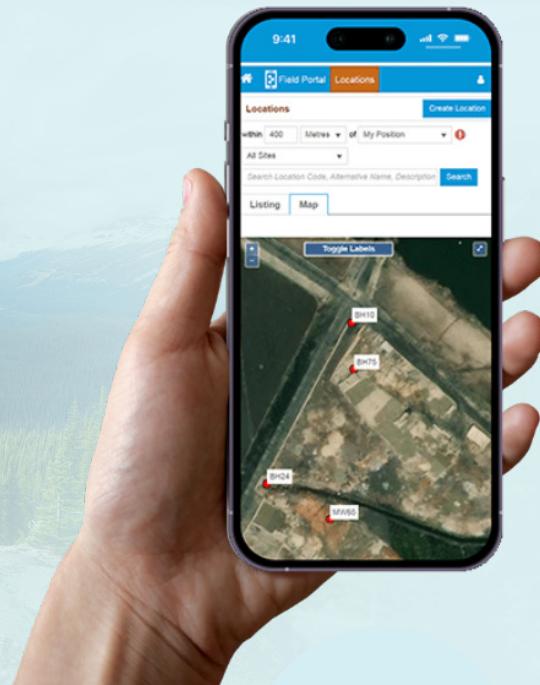
- Paperless monitoring data collection, including field parameters, water levels, observations, sample details, and images.
- Review uploaded data instantly for real-time insights, with built-in data validation tools and visual indicators to help maintain data integrity. Easily spot inconsistencies in monitoring rounds as field data comes in.
- Supported on a wide range of modern mobile devices, the Field Portal offers an intuitive interface and generates comprehensive reports that save valuable time.

Offline data collection

Add-on Feature

*Offline field data collection is facilitated through the ESdat Field App, licensed separately.

- Utilize the ESdat Field App for offline data entry and storage.
- Synchronize saved data with ESdat upon internet reconnection.
- Access the ESdat Field App via ESdat's web interface, available for separate licensing.
- Integrate with LSPECS extension, to facilitate a seamless electronic field workflow, from sample planning to field execution and data reporting.



[Learn more about Field Portal](#)



For more information
www.escis.com/contact
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Where the existing ESdat functionalities are not sufficient for your business needs, our team can help tailor ESdat to fit your exact requirements. Talk to us about more complex configurations of the ESdat Field Portal/App.

Core Functions: **LabSync**

ESdat - Environmental Data Management System



All your data in one place

ESdat supports data exchange with a global network of environmental laboratories. Your lab reports are automatically uploaded from laboratories via EDD and synced with ESdat. Say goodbye to importing and organizing lab results manually.

Key Benefits

Exceedance and lab report notifications

Get notifications for lab reports received regulatory exceedances in your data and more.

Laboratory integration

Lab reports are automatically uploaded from laboratories and synced with ESdat. To ensure accuracy, LabSync automatically validates your data against the ESdat EDD format, and errors are reported to the lab immediately.

Improve data confidence

Lab results are securely stored in one place with the rest of your data. Eliminate common data management challenges and automate time-consuming data entry with ESdat.

Key Features



Never miss a report

- Get immediate notifications whenever new lab reports become available.
- Be notified of regulatory exceedances as your data comes in.



Improve efficiency

- ESdat is always updated with the latest results as they're issued by your lab.
- View your data in ESdat as tables, graphs or maps with a single click.
- Eliminate manual data entry and common data management challenges.
- Results are automatically loaded into your projects.
- Apply specific formatting to your data with pre-configured profiles and templates.



Data accuracy / automated QA process

- To ensure the accurate results are uploaded into your account, LabSync automatically validates your data against the ESdat EDD format.
- Any errors detected will be reported back to you and the lab immediately.
- **Opt-in Curated Service:** Let our team work directly with your laboratory. We will take care of liaison with the lab(s) and resolve any issues on your behalf.



Laboratories integrated with ESdat



And many more.

Learn more about LabSync



For more information
www.escis.com/contact
www.esdat.net | www.escis.com



Let us know if the existing ESdat-integrated laboratories are insufficient for your business needs. Our team will liaise with your lab to set up their integration with ESdat and resolve any data issues on your behalf.

Core Functions: Data Migration Manager

ESdat - Environmental Data Management System



Easily gain insights and display data for decision-making. With the Data Migration Manager (DMM), you can easily bring data from various sources into the same database and enjoy a consistent data structure for querying and interpretation. This streamlined process allows for the consolidation of multiple formats into one system for quick access to your data to facilitate the decision-making process on environmental objectives.

Key Benefits

Complete data integration solution

Integrate historical and other data into your centralized ESdat database, ensuring accurate input without errors or typos. This enables you to easily compare, visualize, and analyze data from multiple sources, identifying trends and generating comprehensive reports using ESdat. Data can be entered directly in the web interface or using pre-configured import templates.

Maintain data integrity

Modify your existing data within the web interface. Correct errors and fix inconsistencies in your data with a streamlined and logical editing process. Achieve heightened data accuracy and control for confident decision-making.

Interrogate your data intelligently

Harness the powerful querying and data views capabilities of ESdat to uncover patterns, systemic issues and more from your data. Enhance efficiency, conserve resources, and minimize expenses with powerful data interrogation tools.

Key Features



ESdat allows bulk import and validation of historical data.

Collaborate with non-ESdat users and applications by exporting your data to a wide range of common data formats. Improve efficiency by freeing up resources from manual data entry and conversion from other data formats.

- Easily import data from third-party applications and other sources into your ESdat database for further analysis.
- Transfer complete project datasets in Excel formats or from other ESdat systems.
- Enter data directly in the web interface or by using Excel import templates.



Supported data types include, among others:

- Locations and survey data
- Laboratory and Field Chemistry Results
- Borehole drilling and well construction details
- Geology and stratigraphy
- Groundwater

[Learn more about Data Migration Manager](#)



For more information
www.escis.com/contact
www.esdat.net | www.escis.com



Consider engaging our bulk import service if you require support or would prefer to have an ESCIS specialist carry out an import on your behalf. Contact us to learn more about our implementation and advisory services.

Add-on Feature: **LoggerSync**

ESdat - Environmental Data Management System



Consolidate your data from multiple loggers and sensors into ESdat with LoggerSync. Easily capture, review and compare real-time data from different sources all in one centralized cloud system.

Key Benefits

Capture real-time data from field-deployed data loggers

Connect ESdat with field instruments to capture ongoing data, such as weather, dust, water level, and water quality measurements. Review and compare data with built-in visualization tools like Windrose graphs.



- Automatically upload results from data loggers to ESdat via secure FTP or the cloud.
- Automated data validation during import.
- Customizable data upload interval for maximum flexibility.
- Receive notifications and alarms to review your live data.

All your data in one place

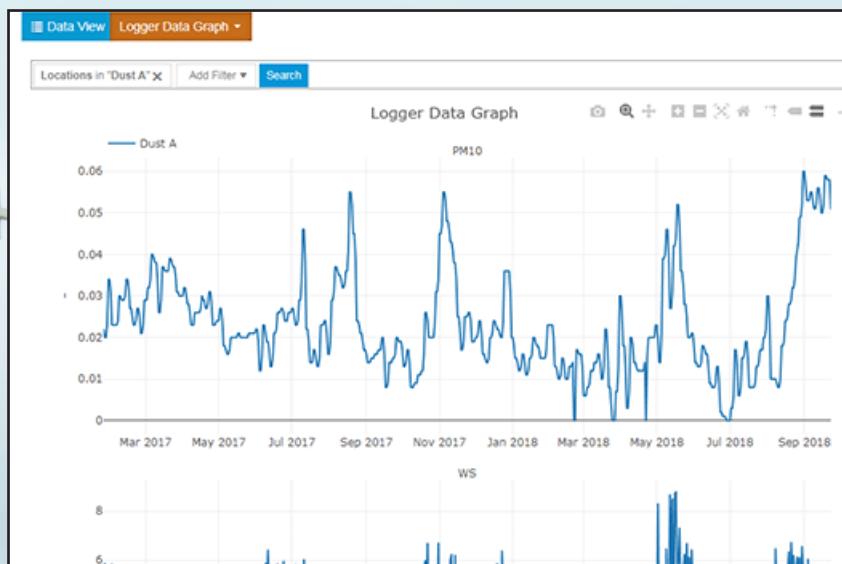


- A centralized cloud system with all your field and laboratory results.
- Access your data from anywhere with the user-friendly web interface.
- Review and compare data from field instruments and lab reports in a single table.
- Visualize ongoing measurements in time-series graphs.



Wide compatibility loggers

ESdat can be set up to capture unique data source outputs from each specified logger. Contact us to learn more about which data logger can be configured to produce your required datasets.



Learn more about **LoggerSync**

esdat

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For more information
www.escis.com/contact
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Where the existing ESdat functionalities are not sufficient for your business needs, our team can help customize ESdat to fit your exact requirements. Talk to us about more complex deployments of ESdat.

Core Functions:

Data Views & Standardized Outputs

ESdat - Environmental Data Management System



Visualize and interpret your data with ease

ESdat Data Views provide a range of standardized outputs and visualization tools for your data. Easily interpret your data from multiple sources, analyze trends with graphs and generate reports with a single click.

Key Benefits

One-source, multiple outputs

Data Views provide a range of standardized outputs for your data. Easily interpret your data and generate reports with a single click. Create specific profiles to simplify your formatting and reporting processes.

Visualize your data

Be time-efficient and interpret your data visually. ESdat provides a full workflow solution to view chemistry, groundwater, geology and borehole logs. Easily visualize trends using graphs and more.

Key Features

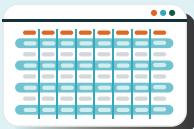
Data trends and graphs



Effortlessly export charts and graphs with specified formatting.

- View data trends and compare parameters on time-series graphs.
- Compare data against regulatory limits and flag for exceedance visually.

Chemistry results



Effortlessly export charts, graphs and maps with specified formatting.

- Apply specific formatting to chemistry tables with pre-configured profiles and templates.
- Interactive chemistry exceedance table with regulatory guidelines preloaded.
- Display data points and view chemistry exceedance tables in map view.

Field reports



- Generate visually appealing PDF reports or excel tables.

- Eliminate data re-entry with full electronic data flow from field to report.

- Upload field results directly from a phone, tablet or PC.



Logger data

Add-on Feature

- Connect ESdat directly with weather, groundwater and other data loggers.

- Visualize ongoing measurements in graphs.

- Receive notifications and alarms to review your live data.

Borehole logs

Freeware App



- Full workflow solution for logging borehole and geology data.

- Report-ready bore logs with ESlog.

- Customizable templates to address organizational requirements.

Learn more about Data Views & Standardized Outputs



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For more information
www.escis.com/contact
www.esdat.net | www.escis.com



Where the existing Data View outputs are not sufficient for your business needs, our team can help customize ESdat to fit your exact requirements. Talk to us about custom automated reports.

Core Functions: Lab Reports

ESdat - Environmental Data Management System



Say goodbye to manually inputting lab results to your database and experience effortless data interpretation today. With ESdat, you can receive and review lab reports within the ESdat Data Views portal just minutes after your data has been processed by laboratories. Further validate your data using the built-in QA/QC tools and compare results against pre-compiled and up-to-date regulatory standards.

Key Benefits

All-in-one solution

Full workflow solution to receive, validate, manage, analyze and report on laboratory data. Automatically flag compliance exceedances with immediate notifications.

Report-ready outputs

View your data in report-ready chemistry tables, graphs, and maps with a single click. Easily apply specific formatting with pre-configured profiles and templates.

Consolidate your data

A centralized cloud system with all your field and laboratory results. Analyze all your data from one location and generate automated reports.

Key Features



All-in-one solution

- Lab results are automatically uploaded to ESdat via LabSync as soon as they're issued by the laboratory.
- Automatically assign sample information such as sample depths and monitoring locations when using industry-standard Field IDs.
- Simplify table formatting in one click with user-configurable templates and profiles.
- View your results as chemistry exceedance tables with the click of a button.
- Automatically compare results against regulatory guidelines and flag exceedances.
- Receive email notifications to view automated summary reports.
- Audit trail - see which user(s) have been working on your data.



Standardized data views

- Analyze and report your lab results with chemistry tables, graphs, maps and more.
- Visualize findings and data trends without having to go through time-consuming data processing.
- View the same data in different report formats with a single click.
- Export results with specific formatting using pre-configured profiles and templates.



Centralized database in the cloud

- A centralized cloud database with all your field and laboratory results integrated.
- Access your data from anywhere with a user-friendly web interface.
- Compare data from multiple laboratories and lab reports in a single table.
- A wide range of export formats supported.



Quality assurance

- Generate RPDs and assess lab QA data against your own DQOs.
- Approval mechanism built into the system for large teams.
- Get notified of outliers and exceedances.

Learn more about Lab Reports



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Where the existing ESdat functionalities are not sufficient for your business needs, our team can help customize ESdat to fit your exact requirements. Talk to us about custom automated reports and laboratory integration.

Add-on Functions: **Public Portal**

ESdat - Environmental Data Management System



The ESdat Public Portal allows you to easily publish approved reports through a user-friendly web portal. This lets clients and stakeholders access the published data at any time, ensuring regulatory compliance without tying up resources on reporting. The feature streamlines stakeholder communications and empowers more effective decision making.

Key Benefits

Effective Stakeholder Communications

With the ESdat Public Portal, users can easily share their approved reports through a user-friendly web portal. This feature makes it simple for clients, regulators and stakeholders to access and review the data they need, whenever they want and on their own terms. This eliminates the need for periodic reports to be produced manually. Instead, your data from ESdat can be automatically published to the public portal.

- The Public Portal integrates with ESdat so you can import, review, report and share your data from the same place.
- Provide transparency on your public reporting requirements.
- Allow users to view and interpret your data with tables, graphs, maps, and more.
- Interactive map view with clickable monitoring points to show related data.

Empowering Decision Making

The ESdat Public Portal empowers more efficient decision making by allowing users to focus on the work that matters. Streamline the stakeholder communications process by automation of environmental data reporting with the Public Portal that is connected to your ESdat database.

- Free up resources dedicated to manually compiling results.
- Open up the blind spots and reduce human errors from manual reporting.
- Focus resources on data interpretation and decision making.

Stay in control of what is shared

You can choose to adopt for implementation either the option to share reports publicly for broader outreach, or keep reports password-protected for authorized access.

- Robust approval mechanism built-in so you are always in control of what gets published.
- Review and approve reports for distribution within standard ESdat workflows.

Example ESdat Public Portals

Curious to see real-world examples?

Explore these ESdat Public Portals: <https://esdat.net/esdat-public-portal/>



[Learn more about Public Portal](#)



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Where the existing ESdat functionalities are not sufficient for your business needs, our team can help tailor ESdat to fit your exact requirements. Talk to us about more complex deployments of ESdat Public Portal.

ESdat Freeware Apps

ESdat - Environmental Data Management System



We are always looking for ways to develop more advanced technologies for the environmental industry and better support the sector as a whole. This is why we have created the ESdat Freeware Apps. Useful tools designed to support the industry's most popular environmental data processing needs and workflows, available to anyone free of charge.

See below for information on the Freeware Apps or contact us to learn more about ESdat and the full capabilities of an integrated database in the cloud.

ESlog

Key Benefits

Generate report-ready logs for free

Easily generate report-ready boreholes, groundwater wells, and other logs for free. This tool is available for anyone to use via the internet, without the need for an ESdat license.*

Intuitive web user interface

Intuitive web-based user interface for inputting your data. Simply select a log layout based on your needs and fill out the blanks with your results.

ESdat integration*

With an ESdat license and the Data Migration Module, geology data stored in ESdat can be exported directly to ESlog. You also gain access to more customization options for your reports compared to the free version of ESlog.

Key Benefits



Visualize geochemical data for free

ESdat Geochemistry Graphs provide a comprehensive solution for visualizing geochemical data in milliequivalents per litre. These diagrams encompass widely-used formats, including Piper, Schoeller, Durov, and more.



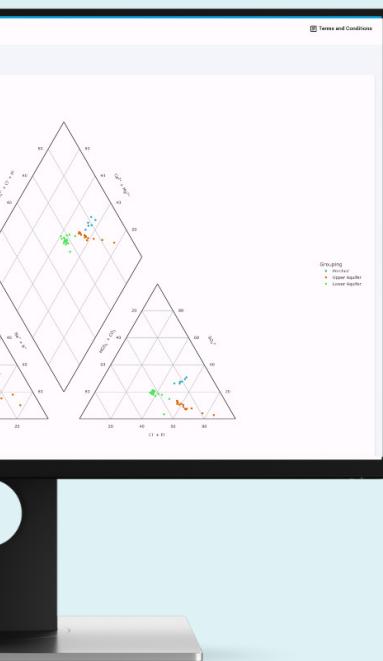
Intuitive web user interface

Intuitive web-based user interface for inputting your data. Lab results automatically received into ESdat can be easily filtered and viewed on these graphs. Data can also be uploaded manually from Excel.



ESdat integration*

ESdat Freeware Apps are available for everyone to use. However, subscribed ESdat users have the added benefit of being able to centrally manage and analyze their data, resulting in better data quality and time-saving advantages.



ESdat - Environmental Data Management System

Fast. Intuitive. Accurate. A better way to manage all your environmental data needs.

ESdat compiles data from laboratories, field programs, data loggers, sensors, historical sources, and environmental standards. All in one place, ready to go.

Don't work for your data; make your data work for you. Improve data accuracy and eliminate common errors by automating your data management process.

[Learn more about ESdat Freeware Apps](#)

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Where the existing ESdat functionalities are not sufficient for your business needs, our team can help tailor ESdat to fit your exact requirements. Talk to us about more complex deployments of our solutions.

ESdat Training & EScIS Professional Services

ESdat - Environmental Data Management System

Tailored to your organization's needs, our training and professional services ensure a seamless start with ESdat. The EScIS team will work hand in hand with you to establish a foundation for environmental data management success.

Key Benefits

ESdat is designed to be practical and easy to use. We offer a range of standard and custom training packages designed to familiarize your team with ESdat and get the best value out of the platform's powerful features.

Get the most out of ESdat

- Unlock the full potential of ESdat with help and support from our team of specialists.
- Get familiarized with the core functions, common workflows and best practices of using ESdat.
- Set up a unique data process to address your specific needs.

Improve efficiency and maintain business continuity

- Reduce time spent on troubleshooting and focus on interpreting your data instead.
- Keep your work process efficient with periodic refresher training and database clean-up sessions.
- Train new team members on using ESdat to reduce personnel change disruptions.

Stay up to date with industry trends

- ESdat evolves with industry trends, and new functions are constantly being added.
- Learn to take advantage of all the latest features with additional training sessions.

Training packages to address your specific needs

- Standard training

Our standard training package covers the key aspects of ESdat and best practices for utilizing the platform's core features and common processes. This training package is suitable for those unfamiliar with data management systems.

- Custom training

Custom training packages are tailored to meet your specific requirements, offering more flexibility and in-depth knowledge. Topics covered typically include deep dives into customized ESdat workflows, advanced features for complex tasks, and highly specialized data processes unique to your business. This training package is suitable for those who are experienced with data management systems and are looking to utilize the full capabilities of ESdat.

Implementation & advisory services

If you have an especially challenging problem that you are looking to solve, consider engaging ESCIS to actively run and manage a project for you. Contact us to learn more about our professional services.

Learn more about Training & Professional Services



For more information
www.escis.com/contact
www.esdat.net | www.escis.com



Where the existing training packages and professional services are not sufficient for your business needs, our team can customize our advisory services to fit your exact requirements. Talk to us to learn more.

Contact Us to Learn More

To learn more about implementing ESdat in your organization and our other service offerings, please contact us using the form in the link below.

Simply let us know what your data management concerns, interests or challenges are, and our team of experts will provide you with more information on how ESdat could best help you. We look forward to connecting with you and providing the assistance or information you seek.

<https://esdat.net/contact-us/>



Request a Free Trial Today

Access ESdat's features and capabilities by requesting a free trial through the link below.

This trial is your gateway to exploring the powerful capabilities that ESdat offers and experience firsthand how ESdat can streamline your data management processes. Whether you're in the environmental, scientific, or engineering field, ESdat can be a valuable asset. Requesting a free trial is a risk-free opportunity to witness the benefits for yourself.

<https://esdat.net/account-request/>

FREE TRIAL





Software by [escis](#)

**Helping you do what you want
with your data.**