

LiquiDATA is the world's only commercial technology of chemical data carriers destruction. It is offered in a specially adapted mobile laboratory, enabling ecological destruction of data carrier at any location.

LiquiDATA is:



IRREVERSIBLE

Destroyed HDD is subject to irreversible dissolving into the liquid form, thanks to which there is no possibility for the restoring of its initial structure as well as any of the data stored therein.



ECOLOGICAL

The liquid created as the result of the executed chemical reaction is transported to wastewater treatment plant, since as a coagulant it is a valuable ingredient which supports the process of purification of other waste. It can also be used in an even better way to recover valuable rare earths metals, zirconium, gold, rhodium, ruthenium, silver, platinum and palladium.



MOBILE & FAST

Our clients are able to destroy their hard drives in both a stationary laboratory, as well as within mobile laboratory, which the client may order to any stipulated address, in time convenient to the client.



ECONOMICAL

The best ratio of price to data removal effectiveness. No one else is able to offer one hundred percent guarantee of effectiveness of irreversible data removal at such an economical price.



PROVEN

Technology possesses the positive experts' opinion, by amongst others issued by the National Association of Confidential Data Protection (KSOIN), Military Technical Academy (WAT), and The National Association of Teleinformatic Security and Protection of Classified Information (KSBTIOIN). LiquiDATA has also been awarded a few prizes in the information security area.

LiquiDATA

– turning disks into a liquid

LIQUIDATA
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New standard of data protection

LiquiDATA guarantees safety of your data.
Available today!

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Phases of the process of hard drive destruction

1. The arrival of Mobile Data Destruction Center at the Customer's premises

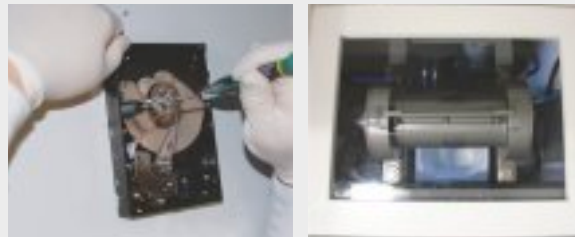
Customers may request the service to be performed at any location of their choice, which is of particular importance when liquidating carriers containing confidential or top secret information. This eliminates the costs of secure transports, staff delegations and minimizes the risk of unauthorized access to data.

Before the drives are destroyed, the identification data of the received hard drives is carefully checked. This verification will form the basis for the documentation confirming the irreversible destruction of the specific data carriers handed over in order to be destroyed.



2. Preparation of the data carriers for the liquidation process

In a hard drive, the data carrier is the ferromagnetic layer on hard drive platters, which must be disassembled from the hard drive and destroyed. The remaining components of the hard drive – its casing and circuitry – are also sorted and recycled. In the next step the disassembled platters are shredded to a form of a little chips. Smaller chips take less time to dissolve. The cover of the shredder is transparent, so the carrier and the chips that it produces are always visible.



3. Destruction (dissolution) of the carriers with the LiquiDATA technology

The first dissolution process of the chipped carrier produces a solution that can be used for waste water coagulation in wastewater treatment plants, i.e. to remove suspended matter that does not deposit easily, or to increase the pH of, or even to neutralize, acidic waste water. Aside from the solution, the reaction produces ferrites that need to be dissolved in the second reaction tank.

The second reaction ultimately dissolves all ferrites and minimizes the amount of waste. This solution can be used to neutralize the alkali received by wastewater treatment plants, or, depending on the current needs, can be treated just like any other waste water.



4. The final effect of the destruction process

Upon dissolving the carrier, only a small amount of liquid is left and even without specialist knowledge one can immediately notice that all data was definitely removed and cannot be recovered.



5. The end of the process

The liquid remaining after the reaction is a valued coagulant, so it can be taken to the wastewater treatment plant. It can also be used in an even better way to recover valuable rare earths metals, zirconium, gold, rhodium, ruthenium, silver, platinum and palladium.

Other parts of the disk enclosure and electronics are transported to the appropriate locations, where they are recycled.

The final stage of the service is the preparation and providing the customer with complete documentation (relevant report, certificate of destruction, a recording of the process).