

A green-tinted image of a laptop keyboard with a semi-transparent code overlay. The code includes HTML tags like </button>, </div>, and <button type='button' class='button'>, along with the text 'Show code'.

# ULEDGER LOGGING

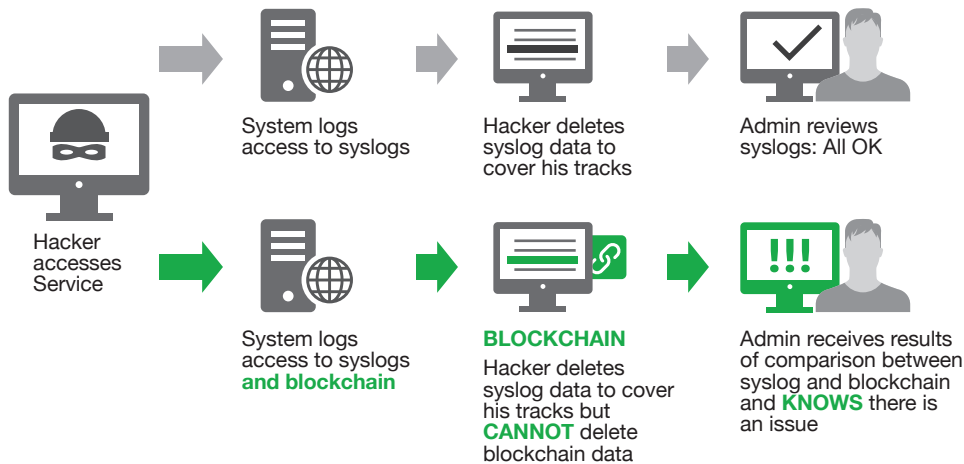
## YOUR IMMUTABLE “DIGITAL WITNESS” FOR CYBERSECURITY AND INTRUSION DETECTION

**Data breaches are not going away.** Virtually all IT environments make extensive use of logs to track user and application activity. However, since logs are text-based and easily manipulated, hackers easily modify or delete log files in order to eliminate traces of their unauthorized intrusion. And, once an intruder gains access to a system, any logs stored on that system, or in an environment to which that system has access, should be considered compromised and suspect.

**ULedger Logging for Cybersecurity and Intrusion Detection** creates an external and immutable logging system, so information logged is permanent, unchangeable and verifiable. Any attempt to change, modify, or delete logging files is immediately flagged and recorded with time, date, and location of the attempt.



## Good Hackers Cover their Tracks, but Blockchain Still Catches Them



With blockchain, hackers cannot cover their tracks because no manipulation or deletion of log file information can EVER take place without causing an alert.

## Bring Transparency, Proof, and Compliance with ULedger Logging for Cybersecurity and Intrusion Detection

While blockchain's ability to create an immutable audit trail makes it great for logging, most public blockchain offerings are cost-prohibitive due to the sheer volumes of data being certified and stored.

ULedger is designed for enterprise data volumes, without significant reduction in transaction per second or increase in costs, and can handle any file type and size. And, ULedger is implemented without the need to change your existing IT infrastructure, via open standards API.

What's more, unlike all other blockchain solutions, ULedger uses cross-merkelization, a process critical to prove the relative order of data events.

### Companies Use ULedger Because:

- ULedger reduces transaction, compliance, and other costs
- ULedger integrates seamlessly with existing technology infrastructure
- ULedger keeps your data private
- ULedger is infinitely scalable
- ULedger can handle immense data volumes (thousands of transactions per second)
- ULedger records the order and location of events (transactions) rather than just the time of events