

# Cybernetic Engrams

The Core Technology Inside Resiliate®

The core technology inside Resiliate is Cybernetic Engrams®.

Cybernetic Engrams is a neural-net complex comprised of:

- Multiple machine learning algorithms (CRNN, LSTMs), each responsible for some subset of characteristics of data.
- A Generalized Restricted Boltzmann Machine that acts as its core memory.
- A Neural Turing Machine that orchestrates its operations and guides its learning.
- Incremental changes to data and metadata are saved as a chain of blocks of Cybernetic Engrams.
- Ensuring an unalterable record of your data that can be recovered instantly.
- Creating decentralized and distributed data storage with Byzantine fault tolerance.
- Enabling consensus checks that can be used to identify malicious operations.

# Resiliate Architecture

