The data source verification takes place on the basis of a zero trust architecture. In my solution I start from the monetary technical solution of a molecular scope. This device is constantly monitored by a security event management system, which loads the logs and images into the cloud via a PKI system, in which they use AI and ML to automatically investigate algorythms for anomalies and report accordingly.

The data transfer backup is secured via an AES encrypted line, which can be seen in my attached diagram.

The peculiarity is the reactive cost saving: It is from the cheapest (photo) only more expensive in the identification if it is not possible with this technology.