

# CloudTurbine

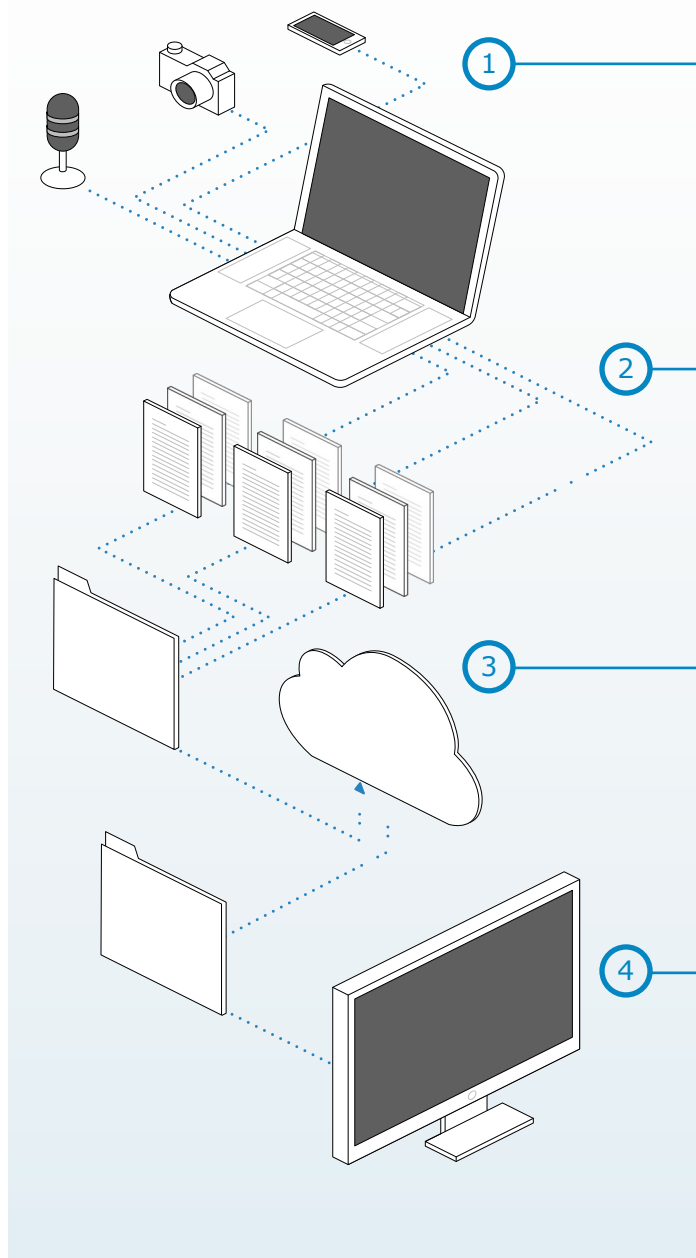
STREAM SHARING



CloudTurbine stream sharing middleware uses incremental files for communication (e.g. from sensors, cameras, Internet-of-Things appliances). CloudTurbine enables you to stream data, in real time, through popular file sharing systems like Google Drive, Dropbox, OneDrive and more.

CloudTurbine is data agnostic, it doesn't care about the type or format of the data. CloudTurbine allows seamless transitions between viewing live and archived data.

CloudTurbine supports secure end-to-end encryption to keep your data protected. CloudTurbine is simple, scalable, flexible, secure. CloudTurbine is free and open-source.



## Data Sources

There are many ways to get your data into CloudTurbine format. The CloudTurbine site provides a number of prebuilt source applications to get you started. Use the CT API to interface your own data sources and applications.

## Time-Coded Files

CloudTurbine reads and writes time-stamped channel files in nested folders according to simple rules and conventions:

SourceFolder / TimeFolder / ChannelFile

## Stream via Cloud File Sharing

CloudTurbine leverages the proliferation and scalability of third-party file sharing services to distribute data across networks. Data is mirrored to independent participating sites as real-time streams of incremental files. You never lose control of your data.

## View Live or Replay Data

View live and historical data in your browser with WebScan, our flagship data viewer application, or select from a growing collection of custom and third party data viewers. Build your own data processing and monitoring applications using the CT "App-Kit" system.