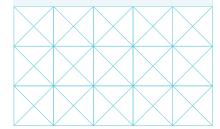# MAPPING CLOUD

## AT A GLANCE:

- Easy storage of different types of data files in the Cloud
- Upload and distribute real-time data
- Use the Cloud to manage sharing, processing and archiving
- Run existing PC- applications in a Virtual Machine environment
- Share results with partners and customers through web-browsers

«Upload data in Australia, process it in Paris, and display the results in San Francisco in your favourite application.»

# Visualize, analyze and share multibeam data in real time

## Access your data at any time— work from anywhere

In cloud computing most things happen in your web-browser. Kognifai is no different; your data files, Virtual Machine (VM) and processing software are all located on servers hosted in the Kognifai cloud. This enables you and your colleagues to access data and work simultaneously, sharing the workload and adding valuable insight.
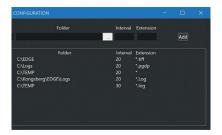
## Transmit data from vessel to Cloud in real-time to support remote operations

The Kongsberg EM™ systems can be enabled to send real-time (or on a set time frame) data directly to the Cloud, making it possible to monitor progress while collecting data. This information can be distributed to anyone, anywhere with access rights. In this way real-time data is made available to use in many applications and products.
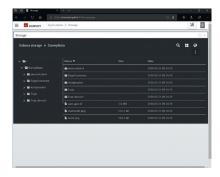
## Strong partnerships

Kongsberg has a strong partnership with ESRI - the global leader in spatial analytics, and companies supporting the ESRI workflow including; **Earth Analytic** - specialists in science-based geospatial analysis and systems architecture design, and Norwegian ESRI distributor **Geocap** - specializing in geographical information and visualization.
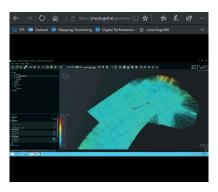
Our partners provide end users with an almost endless range of online mapping and GIS functionality. With Mapping Cloud, these applications are available directly in your web-browser.

Upload files to Mapping Cloud



Efficient file management in
Mapping Cloud



Process files in VM using existing
PC software

## Managing your data in the Cloud

The Mapping Cloud makes it possible to manage and merge different types of data files in one working environment.

Functionality includes:

- **Upload local** - simply mount your hard disk on your local PC and use the File Upload functionality to copy all files. Upload time depends on network speed and file size.
- **File Manager** – Directories in Storage are mounted as regular harddrives so you can access the data directly in your VM. You can allow other users to read/write for easy sharing, and you can archive data to reduce the cost of storage significantly with just one click.
- **Processing data**– start VM and run your regular PC processing application. All processing takes place in the Mapping Cloud environment, making the results directly available to your colleagues.
- **Distribute files**– storing the data in the Cloud allows you to easily distribute information online. Using the File Manager, you can easily give access to selected users.
- **Realtime data** - Data received in real time are stored and available for processing and display immediately. EM™-data have such a good quality straight out of the box that reliable products can be made right away.

## TECHNICAL INFORMATION

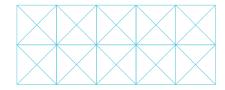Kognifai, the KONGSBERG open digital platform supported by Microsoft Azure

Access Storage, VM from anywhere through web-browsers: EDGE, Chrome, Firefox, Safari

Different VM-configurations available (CPU, RAM, etc.)

Easy to develop Apps in Kognifai, Software Development Kit with a rich selection of examples available

**Visit http://kongsberg.com/mappingcloud for more information**