

## Web documentation Dashboard

- UI and graphics design, including our Logo and Client logo
- Client credentials, Account
- Storage setup on S3 for upload and Download (massive data which may need Zipping)
- Five main sections of data interactive, it can be extendable:
  1. Aerial Survey
  2. Laser Scanning
  3. Conventional Survey
  4. 3D modeling
  5. 3D Documentation
- Sections that can be viewed/downloaded by client: (Upload by us)
  1. Aerial Survey section Contains:

Nb	Item	View	Download
1	Ortho / True Ortho Image		
2	DSM		
3	DTM		
4	CAD		
5	3D Mesh		
6	3D Model		
7	RAW Data		
8	PDF		

### 2. Laser Scanning

Nb	Item	View	Download
1	Point Cloud		
2	Web viewer		
3	CAD		
4	BIM		
5	3D model		
6	PDF		
7	RAW Data		

### 3. Conventional Survey

Nb	Item	View	Download
1	CAD		
2	PDF		
3	images		

#### 4. 3D modeling

Nb	Item	View	Download
1	CAD		
2	3D Mesh Model		
3	3D Model		
4	PDF		

#### 5. 3. 3D Documentation:

this option needs to be with multiple data on a time basis, with application to comparing data from 2 different time slots (split screen ):

Nb	Item	View	Downlaod	Split Screen
1	Web panoramas (HTML)			
2	CAD			
3	Point cloud			
4	Drone images			
5	360 Video (HTML)			
6	PDF			
7	3D model			

#### Data web Viewer and applications to be developed into Dashboard:

- DSM / DTM / Ortho / True Ortho Image: .tiff / .ecw (to be shown similar to this App: <https://demo.webodm.org/public/task/dc9017c6-a617-43cf-a10e-cacfb4ea0f94/map/> )
- Videos: AVI / MP4
- 360 Videos: AVI / MP4
- Point cloud: . las (to be viewed using Portree: <https://github.com/potree/potree> )
- PDF files
- HTML web viewer

#### Notes:

- Require a security setup on S3 to ensure safe data exchange.
- We can control data validity on the server; Dashboard should have the automatic lock and delete access or file viewing and download on a certain number of days.
- Data option (download / View) to be controlled by us
- Uploaded data by us only.
- For downloading data, two options should be there (Either download single or all together)
- Developer of this Dashboard should deliver all Documentation of all developed items
- The developer of this Dashboard should deliver the project and Source code permanently
- Developer of this Dashboard should Sign a Confidential agreement and non-usage of this dashboard item elsewhere
- Ability to specify the access of data by time (for example, to be available for one month and deleted after that )

- Ability to integrate more Applications on the same platform in the future (extendable Dashboard) and add more.
- Sections are not fixed; there are possibilities to add or remove sections depending on clients and projects.
- Data on Dashboard need to be addressed with Dates ( segregate data by date and time )
- Testing and bug fixing till satesfaction of user

### Symbols:

	Not required
	Reauired in future development ( not on this version )
	Required

### Stages : ( priority )

- Stage-1
- Stage-2
- Stage-3