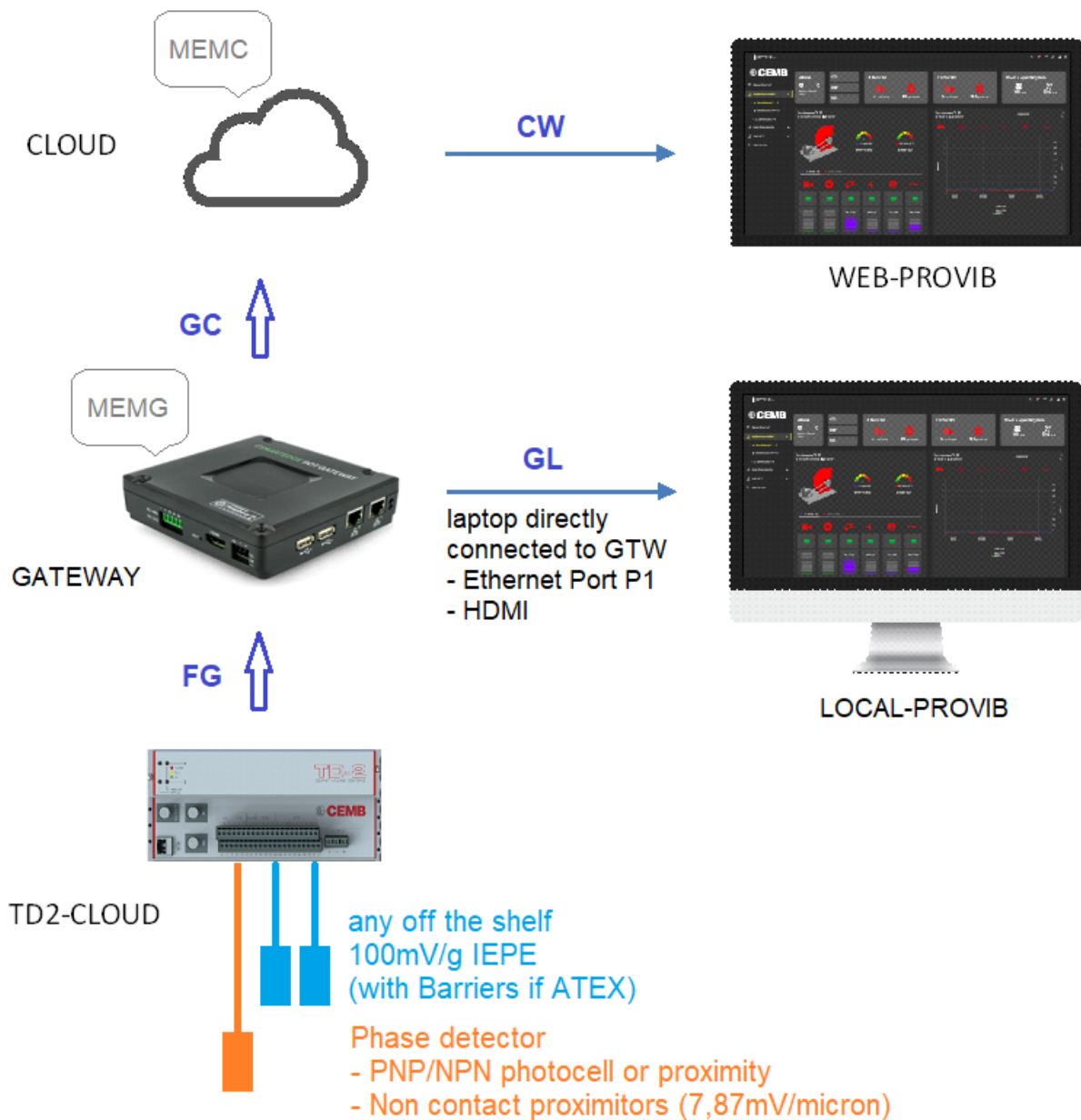


# ACQUISITION, STORAGE & COMM SPECS.



## FG: FIELD to GATEWAY ACQUISITION TIME

Item	Measure	GATEWAY Reads from TD2-CLOUD
1	Overall vibration (A+B)	Every 10"
2	Bearing HF Vibration (A+B)	Every 10"
3	Anomaly detection (A+B) (unbalance, misalignment, loose support, other)	Every 10"
4	Waveform (A+B)	Every 10"
5	ALARM Overall Vibration (A+B)	Every 10"
6	ALARM Bearing HF Vibration (A+B)	Every 10"
7	SELF DIAGNOSYS	Every 10"

**MEMG: GATEWAY STORAGE TIME**

Item	Measure	GATEWAY stores in its local memory
1	Overall vibration (A+B)	Every 5' + On alarm activation
2	Bearing HF Vibration (A+B)	Every 5' + On alarm activation
3	Anomaly detection (A+B) (unbalance, misalignment, loose support, other)	Every 5' + On alarm activation
4	Waveform (A+B)	Every 1h + On alarm activation (with pretrigger)
5	ALARM Overall Vibration (A+B)	On change
6	ALARM Bearing HF Vibration (A+B)	On change
7	SELF DIAGNOSYS	On change

Note: the measures are stored locally in the gateway for 6 months on a FIFO memory buffer

**GL: GATEWAY to LOCAL PROVIB UI SENDING TIME**

Item	Measure	GATEWAY send the following information to LOCAL PROVIB UI
1	Overall vibration (A+B)	Every 10"
2	Bearing HF Vibration (A+B)	Every 10"
3	Anomaly detection (A+B) (unbalance, misalignment, loose support, other)	Every 10"
4	Waveform (A+B)	Every 10"
5	ALARM Overall Vibration (A+B)	Every 10"
6	ALARM Bearing HF Vibration (A+B)	Every 10"
7	SELF DIAGNOSYS	Every 10"

**GC: GATEWAY to CLOUD SENDING TIME (default)**

Item	Measure	GATEWAY send the following information to CLOUD
1	Overall vibration (A+B)	Every 5' + On alarm activation
2	Bearing HF Vibration (A+B)	Every 5' + On alarm activation
3	Anomaly detection (A+B) (unbalance, misalignment, loose support, other)	Every 5' + On alarm activation
4	Waveform (A+B)	Every day + On request from web + On alarm activation (with pretrigger)
5	ALARM Overall Vibration (A+B)	On change
6	ALARM Bearing HF Vibration (A+B)	On change
7	SELF DIAGNOSYS	On change

Note: These timings are subject to change depending on both specific applications and on yearly payment subscription.

**MEMC: CLOUD STORAGE TIME**

The Cloud stores the measure as they are received from the gateway (see table GL).

The storage capacity of the cloud is based on a FIFO memory buffer and the storage time depends on the yearly payment subscription.

With the default payment subscription, the buffer size extends for 2 years of memory.

**CW: PROVIB WEB READING FROM CLOUD**

Provib Web reads the variables from cloud at same rate the cloud is populated.

Refresh is suspended in case of user inactivity on Provib-Web, to optimize cloud resource usage and related costs; a warning is raised to advise the user in such situation.