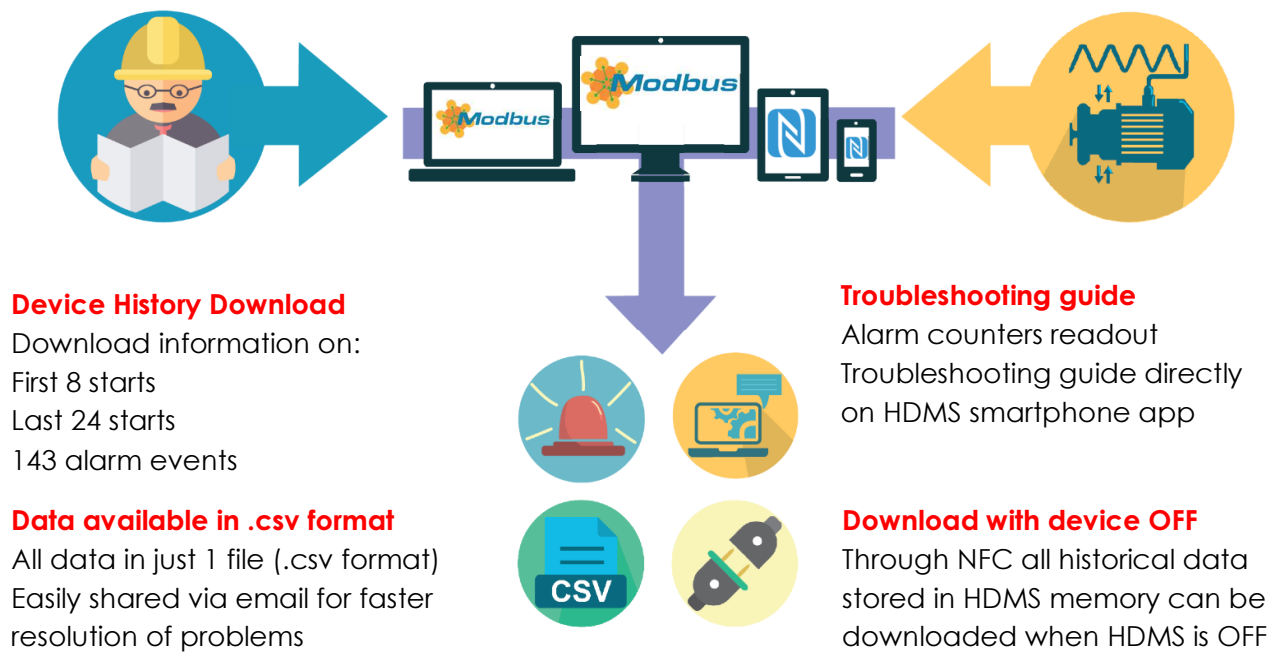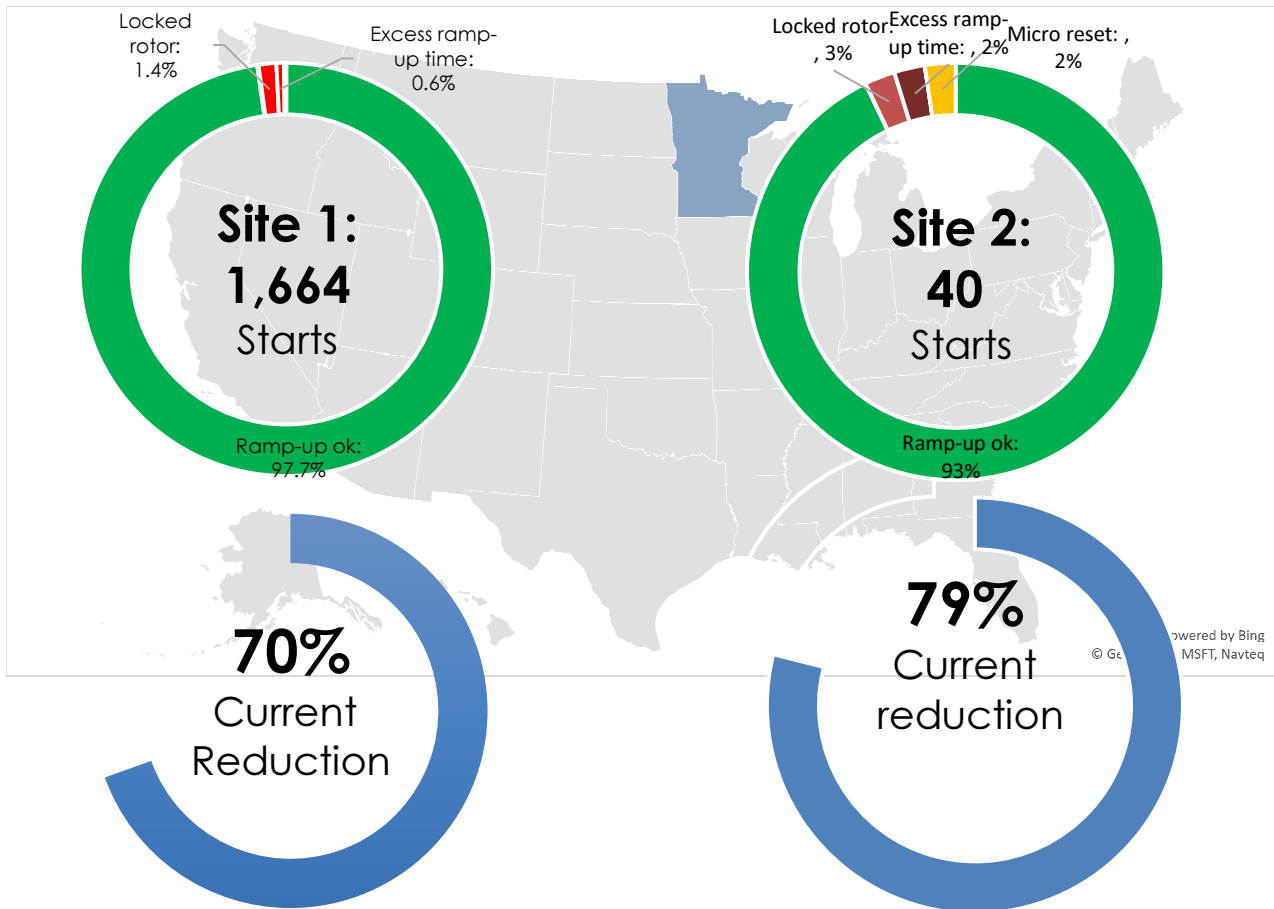# HDMS Valuable Data is just a tap away

Within HDMS we wanted to create an engaging user experience through all the use phases, that is from the moment of installation up to the servicing and troubleshooting phase.

We focused on making troubleshooting quick, easy and safe!

HDMS is equipped with Modbus RTU and an NFC antenna. With NFC, data can be downloaded directly to your phone and you can instantly share such information as a .csv file.

Device History Download
Download information on:
First 8 starts
Last 24 starts
143 alarm events

Data available in .csv format
All data in just 1 file (.csv format)
Easily shared via email for faster resolution of problems

Troubleshooting guide
Alarm counters readout
Troubleshooting guide directly on HDMS smartphone app

Download with device OFF
Through NFC all historical data stored in HDMS memory can be downloaded when HDMS is OFF

HDMS data from installations in USA

Locked rotor: 1.4%

Excess ramp-up time: 0.6%

Site 1: 1,664 Starts

Ramp-up ok: 97.7%

Locked rotor: , 3%

Excess ramp-up time: , 2%

Micro reset: , 2%

Site 2: 40 Starts

Ramp-up ok: 93%

70% Current Reduction

79% Current reduction

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SELF-LEARNT CURRENT LIMIT SETPOINT - SITE 2

Bar chart values (x-axis categories 1–8, 17–40):

Category	Value
1	48
2	48
3	58.8
4	47.7
5	43.2
6	40.7
7	38.9
8	38.9
17	37.1
18	37.1
19	37.2
20	37.1
21	37.2
22	37.1
23	37.2
24	37.2
25	37.1
26	37.2
27	37.2
28	37.2
29	37.1
30	37.1
31	37.1
32	37.2
33	37.2
34	37.2
35	37.1
36	37.1
37	37.2
38	37.1
39	37.1
40	37.2