

An aerial photograph of a dense green forest. A road winds through the trees, and long, glowing light trails from vehicles are visible on the road surface, suggesting motion. The image is used as a background for the presentation slide.

TWAICE

ENERGY STORAGE

SAFETY & RELIABILITY
FORUM 2022

MAY 4–5, 2022

DAVE MAUER, DIRECTOR SALES NA, (MAUER@TWAICE.COM)

DIGITAL TWINS TO OPTIMIZE ENERGY STORAGE LIFECYCLE MANAGEMENT

ENERGY STORAGE LIFECYCLE

PRE-LIFE

IN-LIFE

2ND LIFE

ENERGY
STORAGES

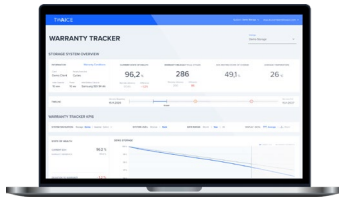
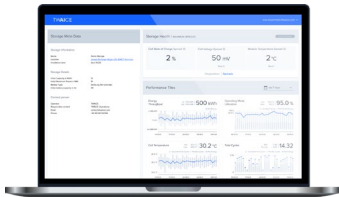
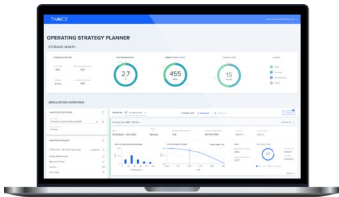
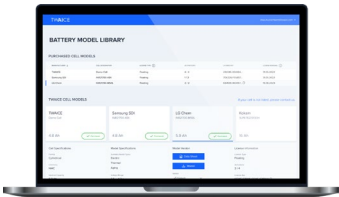


DEVELOPMENT

PRE-SALES

OPERATION

WARRANTY



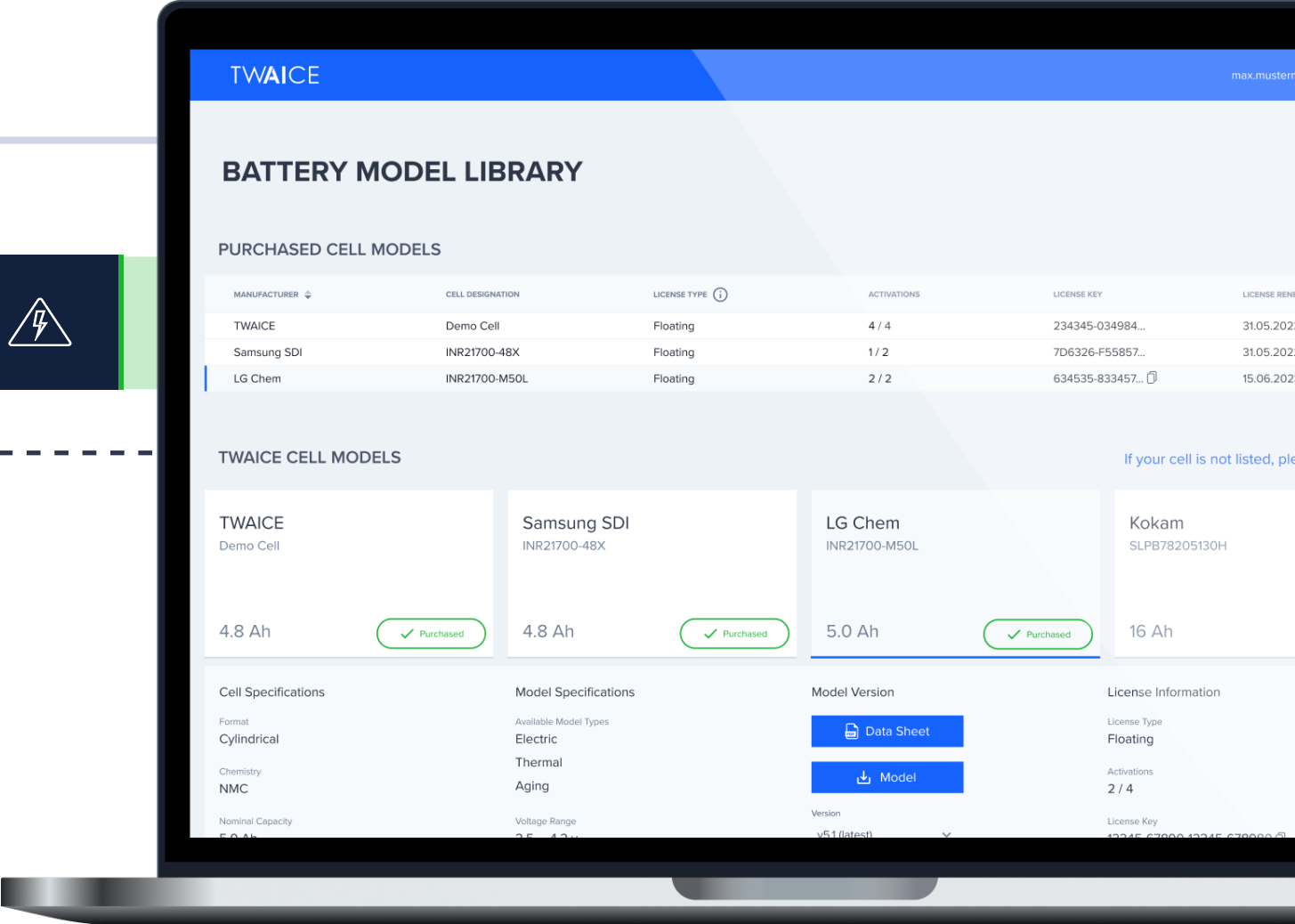
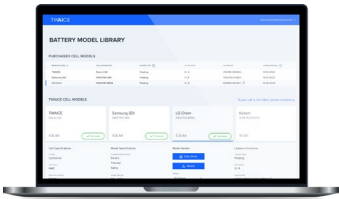
ENERGY STORAGE LIFECYCLE

PRE-LIFE

ENERGY
STORAGES



DEVELOPMENT

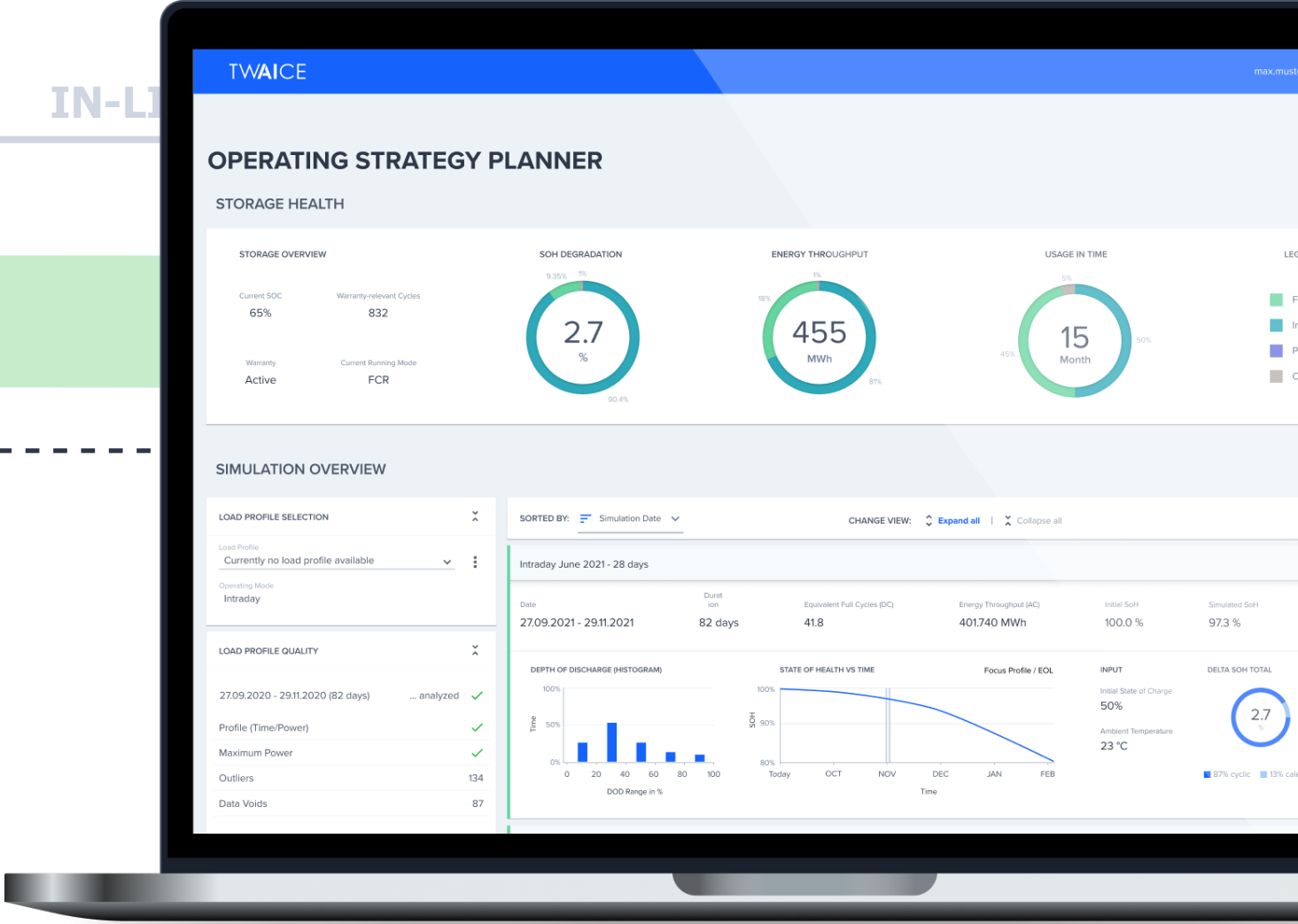
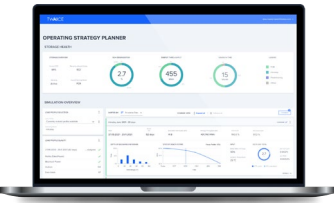


ENERGY STORAGE LIFECYCLE

PRE-LIFE

IN-LIFE

PRE-SALES

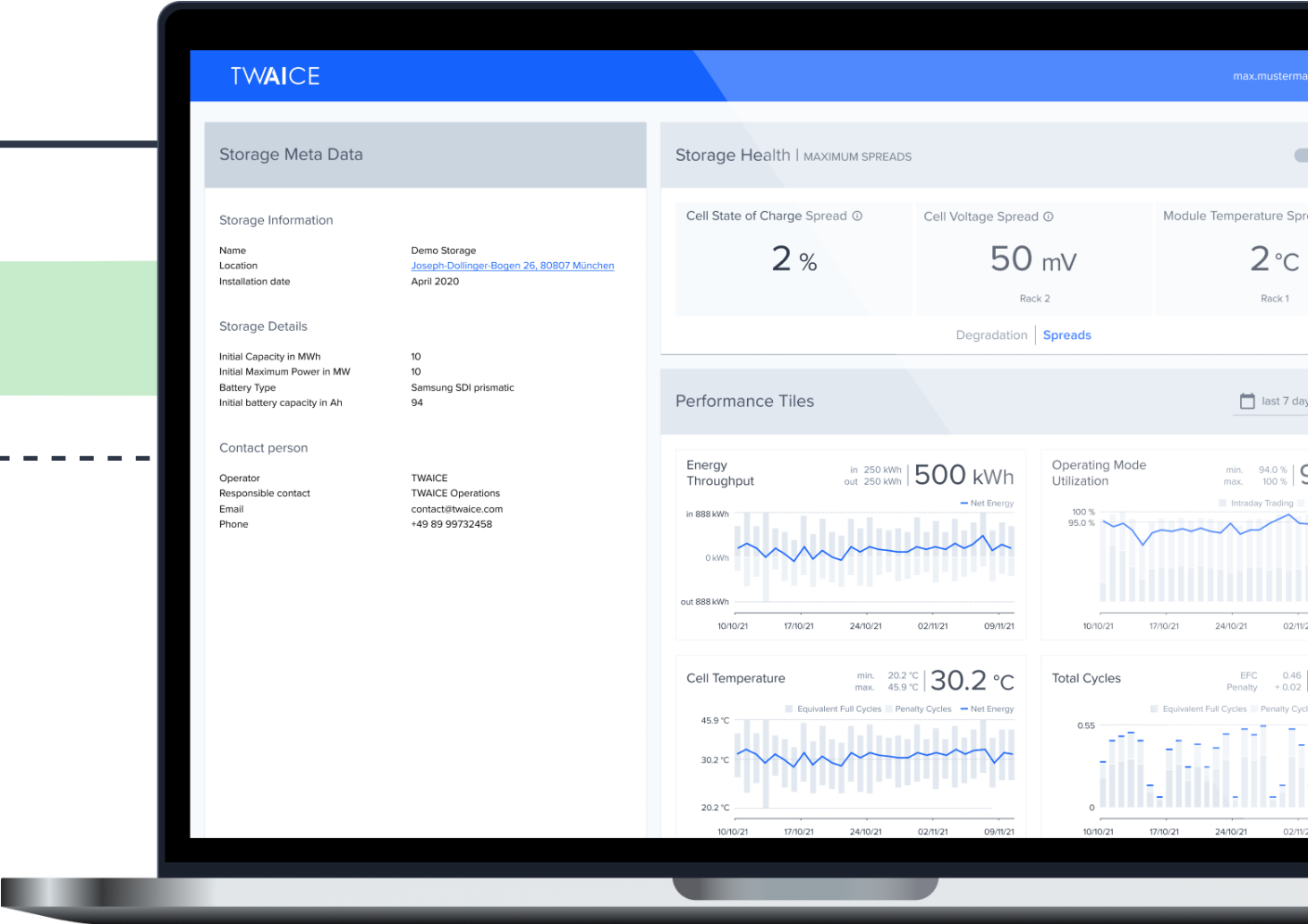
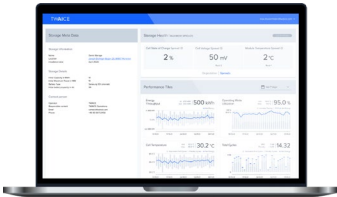


ENERGY STORAGE LIFECYCLE

IN-LIFE



OPERATION

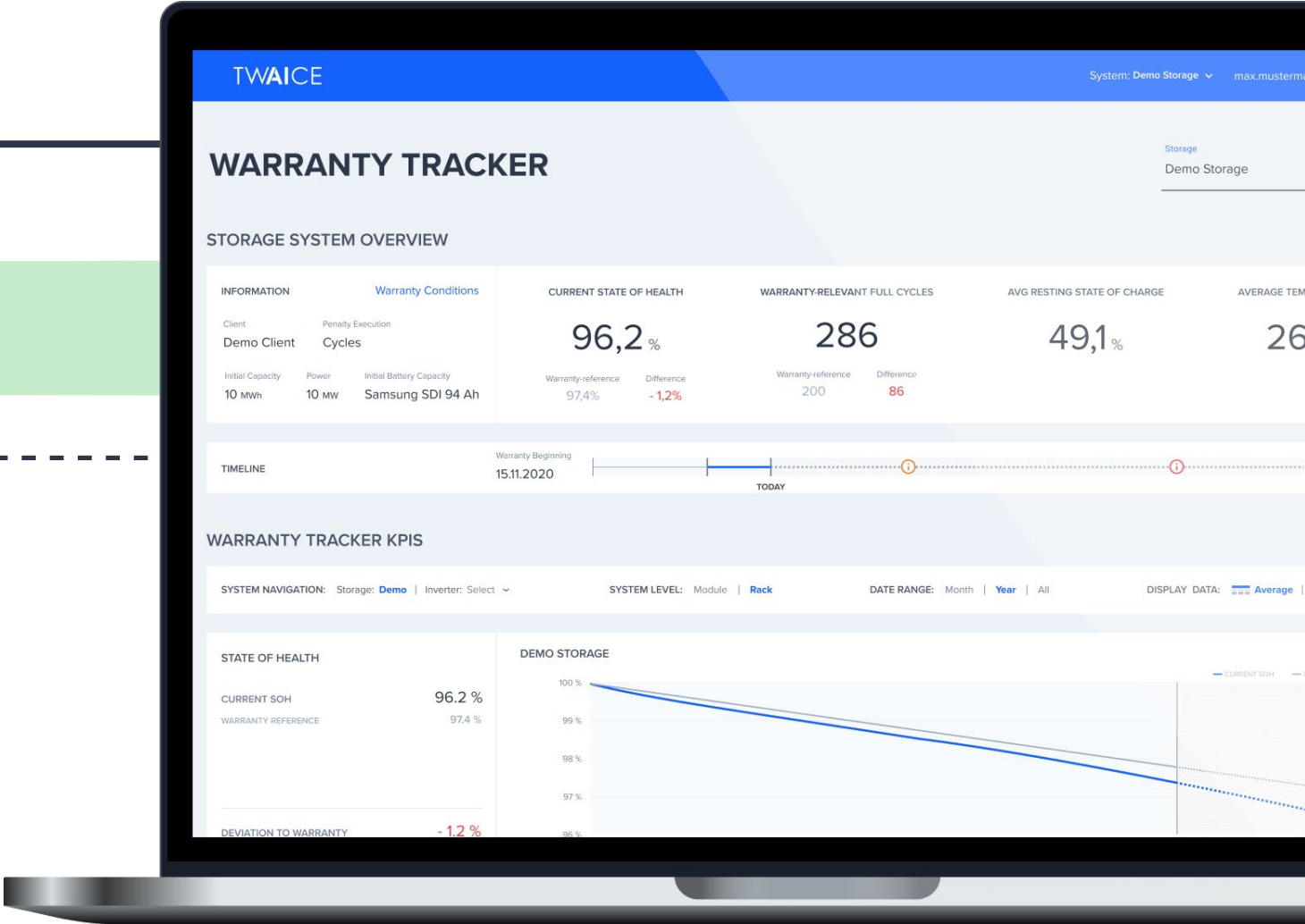
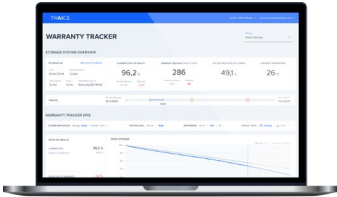


ENERGY STORAGE LIFECYCLE

IN-LIFE



WARRANTY



ENERGY STORAGE LIFECYCLE

PRE-LIFE

IN-LIFE

2ND LIFE

ENERGY
STORAGES

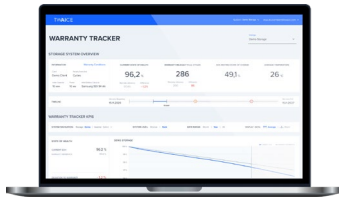
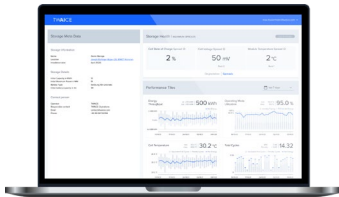
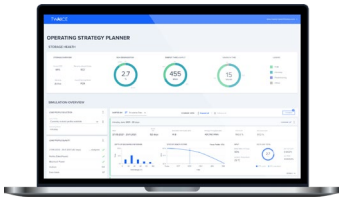
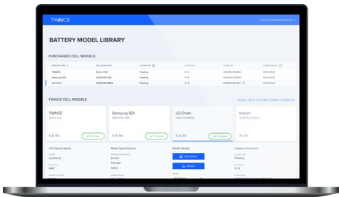


DEVELOPMENT

PRE-SALES

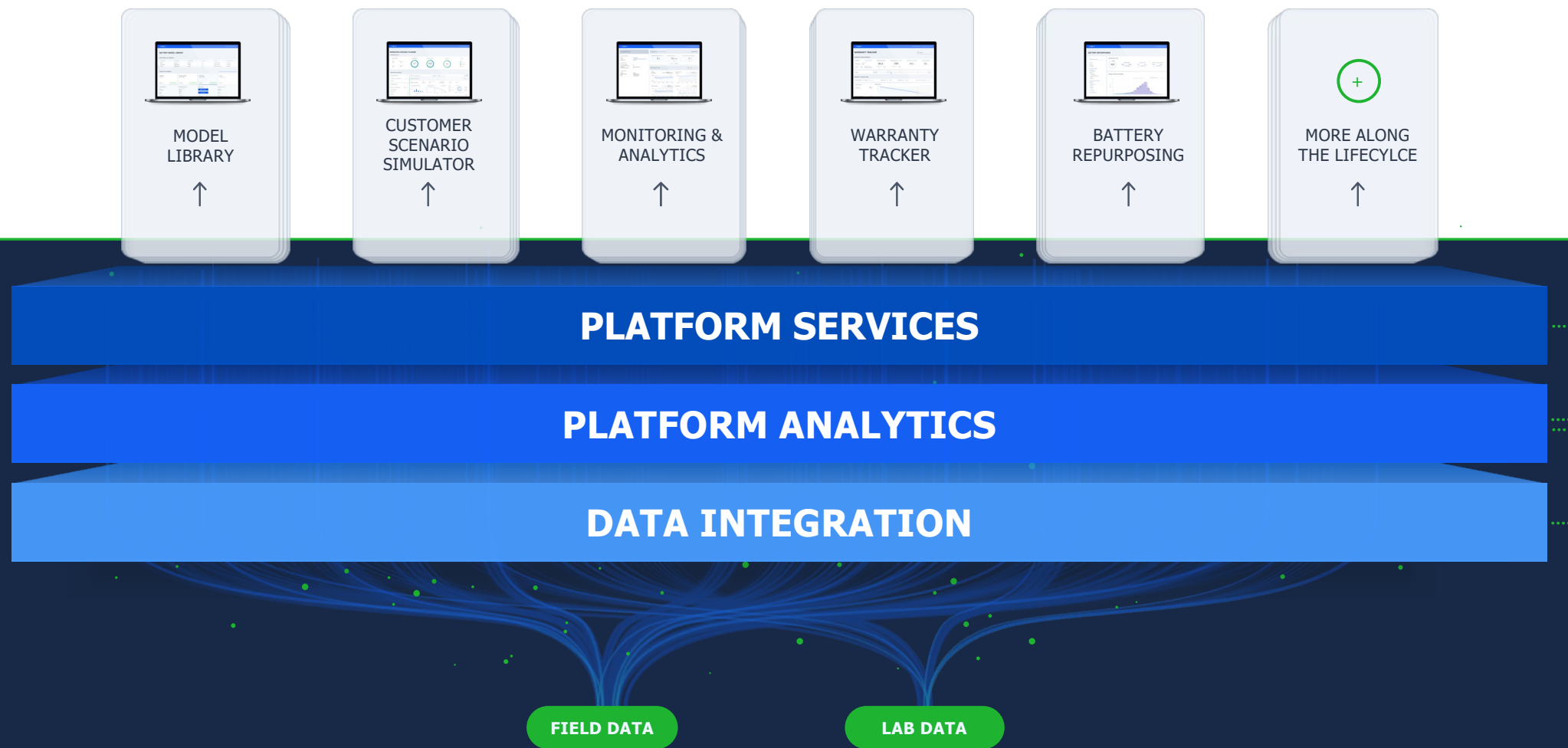
OPERATION

WARRANTY



TWAICE PLATFORM

ONE PLATFORM TO ENABLE ADVANCED ANALYTICS SOLUTIONS WITH A WIDE RANGE OF DATA SOURCES



TWAICE AT A GLANCE

OVERVIEW

110+

team incl. battery, software engineers & data scientists

25+

patents¹

75m\$

funding for development

BATTERY ANALYTICS

Leading Battery and
Machine Learning Expertise
on a Scalable Software Platform

MOBILITY CUSTOMERS

working with leading electric vehicle customer in development, in-life, fleet management and 2nd life

Selected customers:

DAIMLER



PORSCHE

LOCATIONS

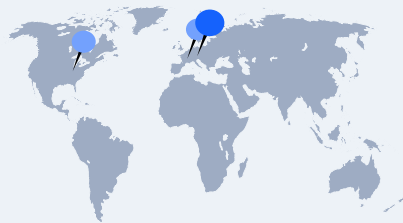
3

offices in Munich (HQ), Chicago and Paris

1

onsite battery laboratory in Munich

hundreds of testing channels, EIS and various climate chambers



PARTNERSHIPS

10+

with leading certification, insurance, and consulting institutions including:

Munich RE



MathWorks®

TÜVRheinland
Genau. Richtig.

VIRICITI

MHP
A PORSCHE COMPANY

ENERGY CUSTOMERS

working with leading integrators and asset owners in design and operation of energy storages

Selected customers:

Verbund



SEtrade
ENERGY REVOLUTION

1) In application and granted



TWAICE

BATTERY EXPERTISE + DATA SCIENCE + SCALABLE SOFTWARE

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