MotionsCloud

DAMAGE ASSESSMENT AUTOMATION ENGINE FOR PROPERTY & VEHICLE INSPECTION

LEX TAN, CEO

Tractions in 9 regions

MotionsCloud launched in 2019

MotionsCloud

Over 24 signed enterprise clients

MotionsCloud

GENERALI

NET INSURANCE

BROKERS ASIST
broker de asigurare

excon

Automotive Company

KRUG GmbH
Sachverständige

IMT INSURANCE

wustenrot

TOP Insurer

mi

富碧酒店公寓
GTB Residence

MotionsCall

TOP Insurer

Leading Airlines

Car Sharing

Your Truck Experts
TRAXpert

JUIX

부엉이들

Fleet/mobility operators

Vehicle rental/sharing firms

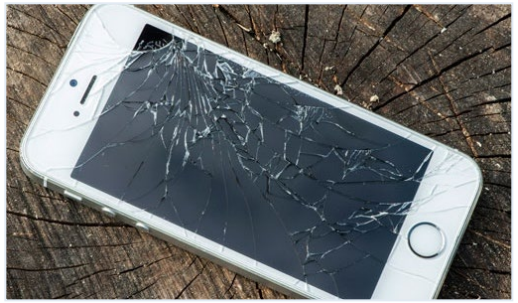
Motor insurance companies

MotionsCloud

Common damaged objects

Vehicle damages

Electronic device damages



Smartphone damages

Vehicle damages

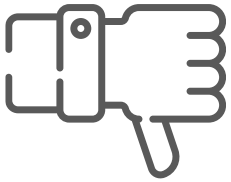
Building water damages

Building water damages

Baggage damages

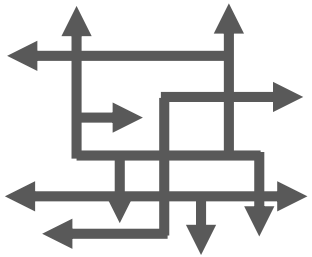
Pain Points in the Property and Auto damages

Tedious & manual processes for driver inspector & fleet manager

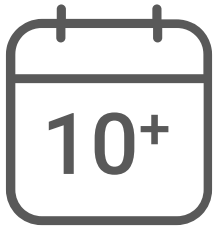


Poor experiences for driver, inspector & fleet manager to go through **tedious claim processes**

In-efficient processes and it is a very costly operation



Complex processes that involved **onsite expert**



10 days+ long claim cycle time, long vehicle/property downtime

Huge operational cost for whole claim processes

MotionsCloud

Pain Points in the property and vehicle inspections/claims

Estimated over

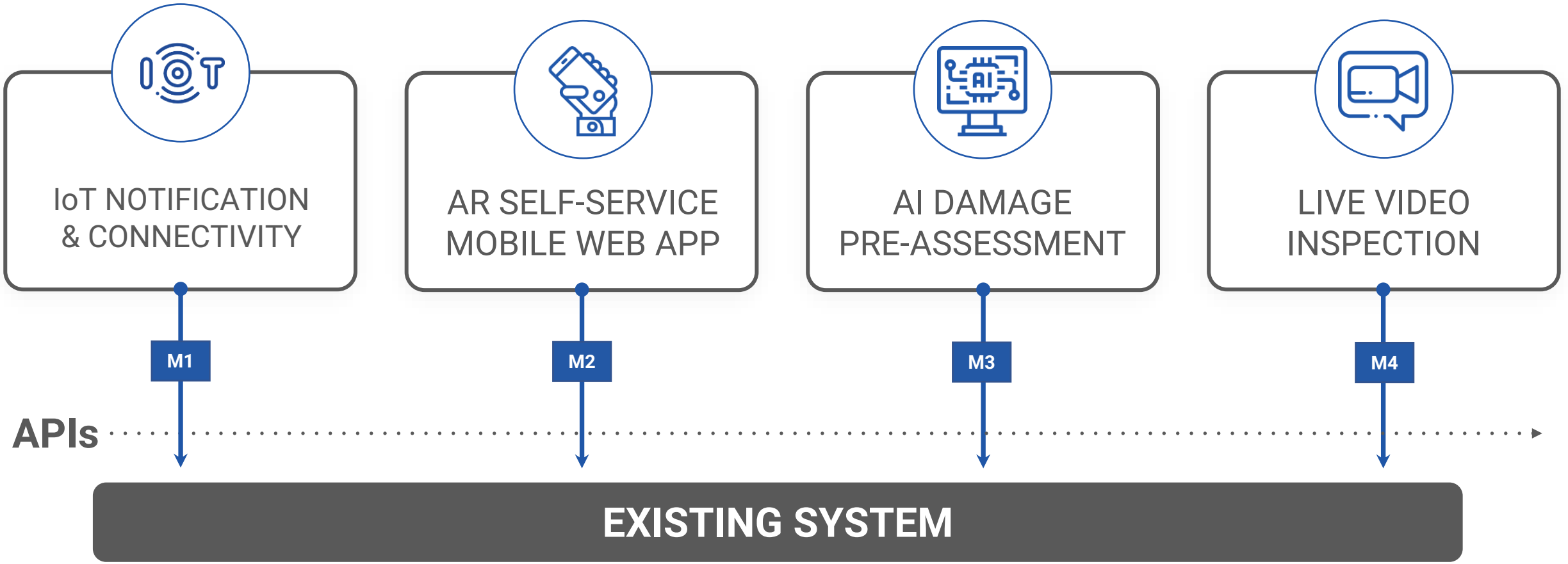
$30 billion

globally & annually on processing inspections & claims

MotionsCloud

WE HELP INSURANCE/FLEET COMPANIES TO
STREAMLINE & AUTOMATE INSPECTION/CLAIM PROCESS

Platform overview

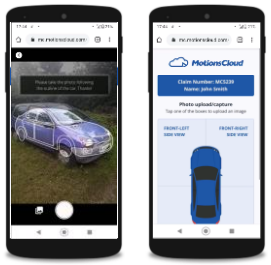


STEP 1

IoT damage notification

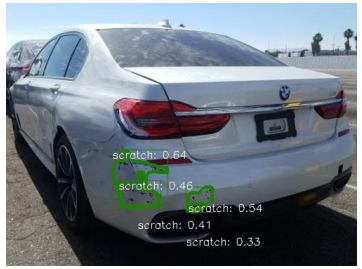
STEP 2

AR Vehicle self-inspection



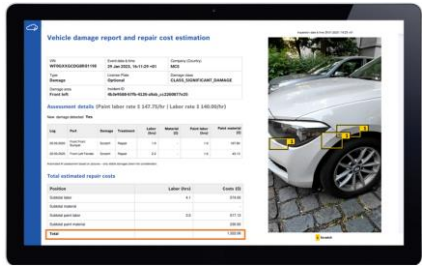
STEP 3

AI damage assessment



STEP 4

Generate assessment report



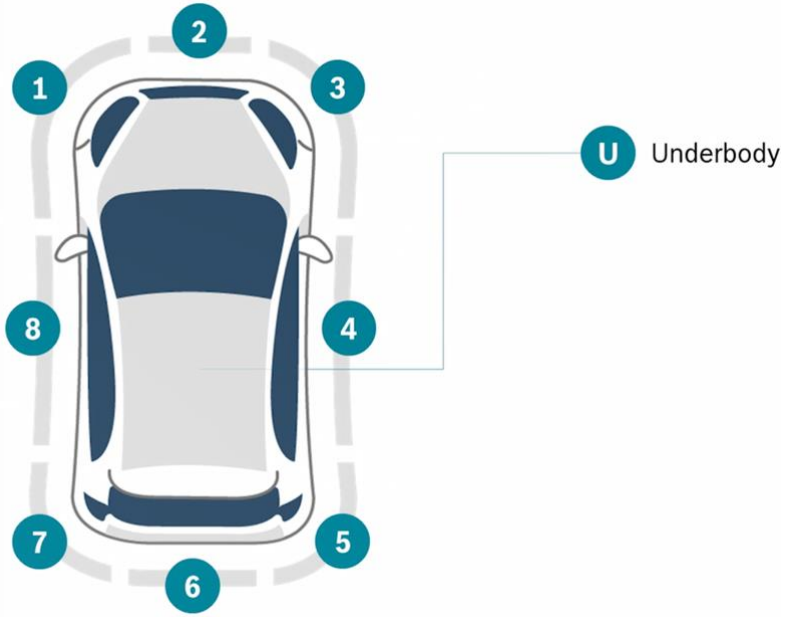
STEP 5

Review & case closed

MotionsCloud

Module 1: IoT connectivity technology module

In Partnership with BOSCH



Severe Damages Significant Damages Cosmetic Damages Speed, deacceleration Location, direction

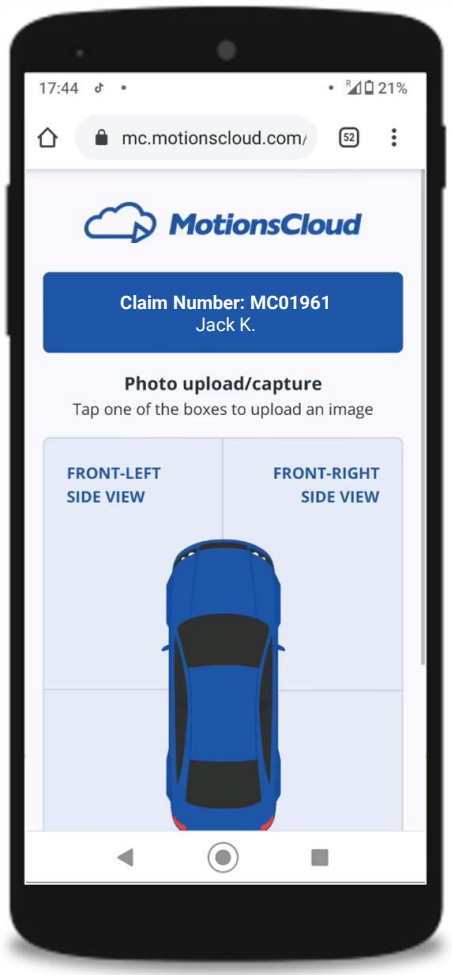
- **Worlds-first:** Smoke, Damage & Harsh Driving Detection with one solution only
- **Long-term experience:** Testing & data collection since 4 years in Europe, USA, Malaysia
- **Certified by TÜV SÜD:** Solution for reliable detection of exterior damages and smoke inside the vehicle

MotionsCloud

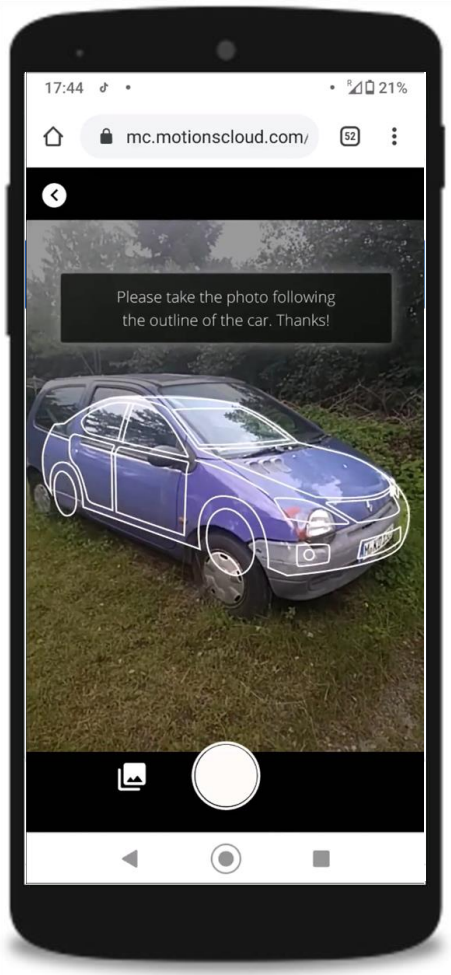
Module 2: White label AR mobile web app for drivers

(No app download, installation and registration needed)

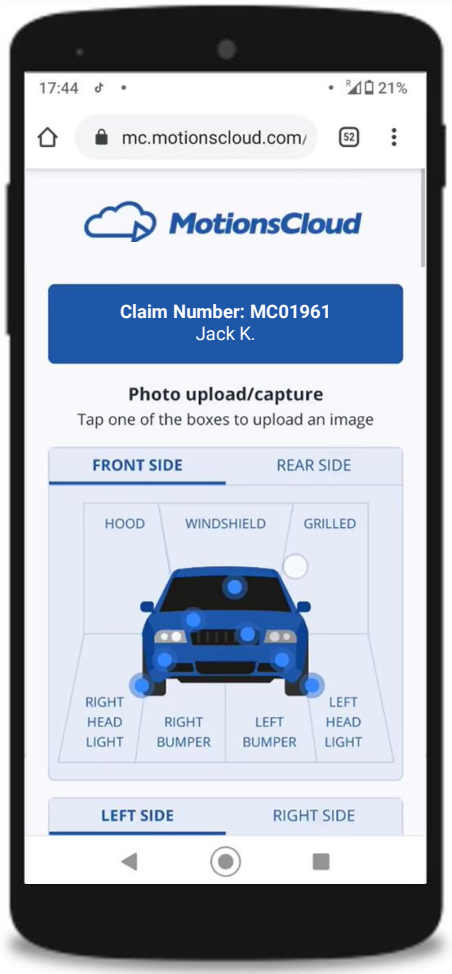
SMS with unique link



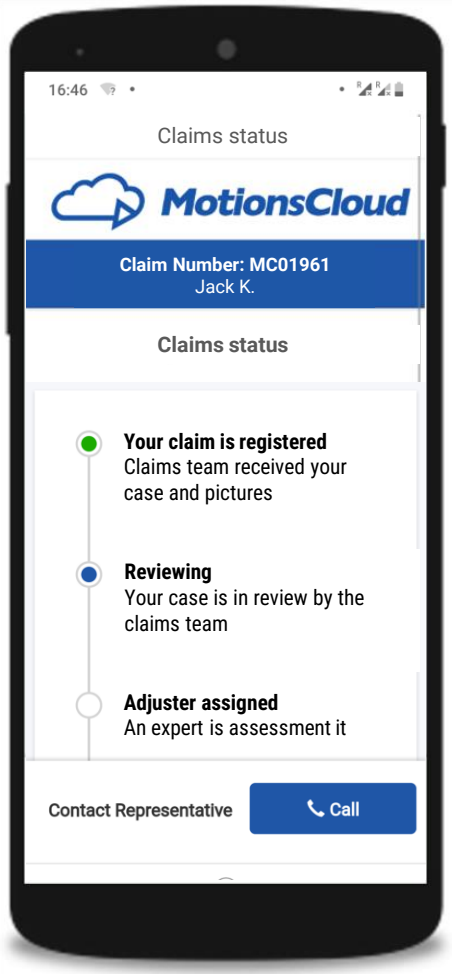
Web app to capture pictures



AR like friendly UX



Easy to understand guideline



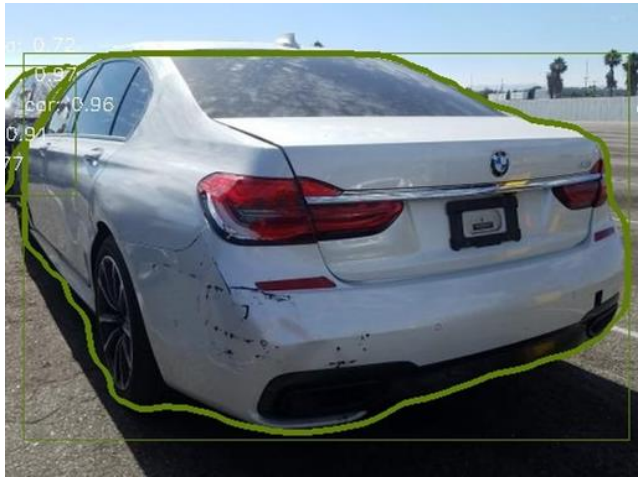
Claims status

MotionsCloud

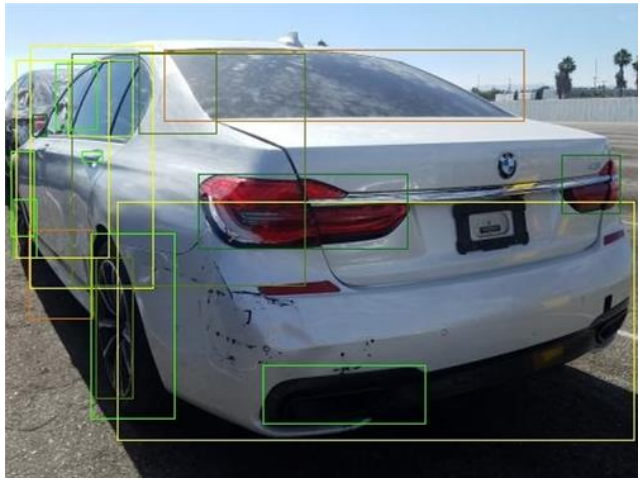
Module 3: Automation through AI damage assessment engine

(Using Computer Vision and Deep Learning Technologies)

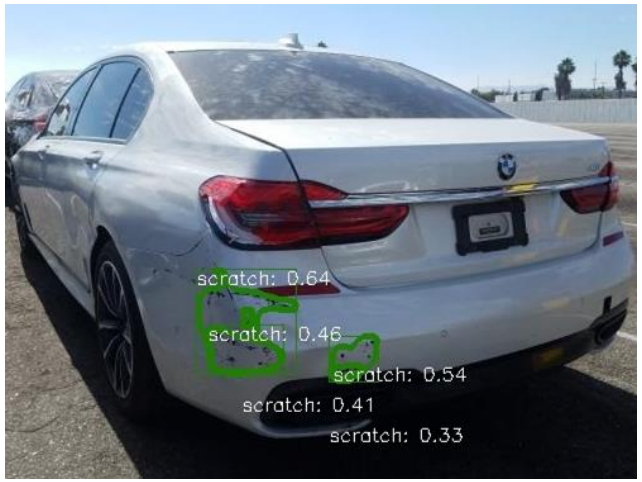
Original photo



Main car recognition



Car parts recognition



Damage recognition

MotionsCloud

Module 3: Automation through AI damage assessment engine

(Using Computer Vision and Deep Learning Technologies)

Vehicle damage report and repair cost estimation

VIN **WF0GXXGCDG8R81198**	Event date & time **29 Jan 2023, 16:11:29 +01**	Company (Country) **MCS**
Type **Damage**	License Plate **Optional**	Damage class **CLASS_SIGNIFICANT_DAMAGE**
Damage area **Front left**	Incident ID **4b3e9588-67fb-4126-a9ab_cc2260877e25**	

Assessment details (Paint labor rate $ 147.75/hr | Labor rate $ 140.00/hr)

New damage detected **Yes**

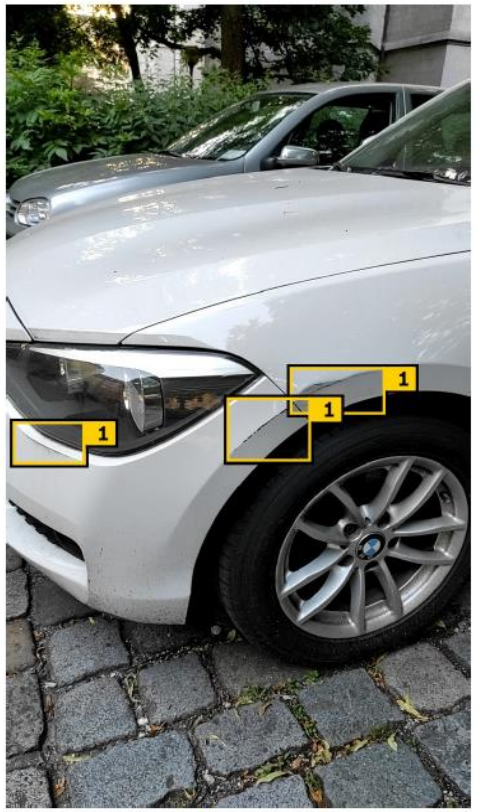
Log	Part	Damage	Treatment	Labor (hrs)	Material ($)	Paint labor (hrs)	Paint material ($)
29.09.2020	Front Front Bumper	Scratch	Repair	1.9	-	1.9	187.80
29.09.2020	Front Left Fender	Scratch	Repair	2.2	-	1.6	43.13

Automated AI assessment based on pictures – only visible damages taken into consideration.

Total estimated repair costs

Position	Labor (hrs)	Costs ($)
Subtotal labor	4.1	574.00
Subtotal material		-
Subtotal paint labor	3.5	517.13
Subtotal paint material		230.93
Total		1,322.06

Inspection date & time 29.01.2023 | 16:23 +01



1 Scratch

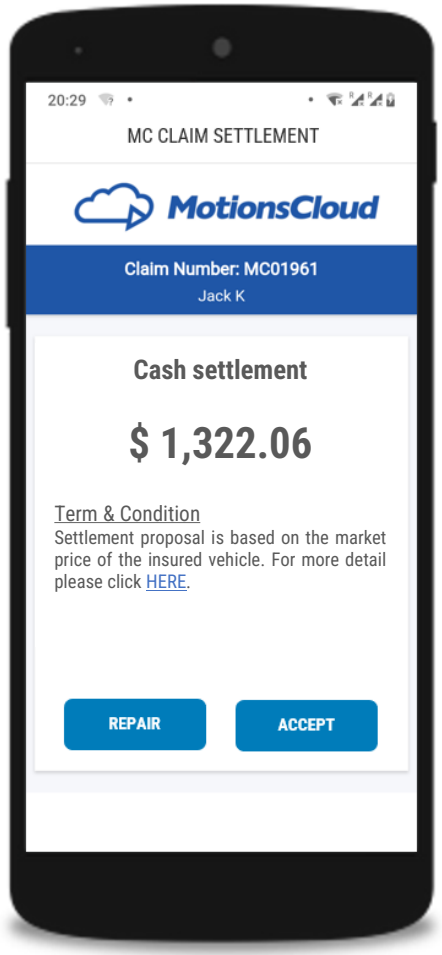
MotionsCloud

Module 4: Remote Live Video Inspection

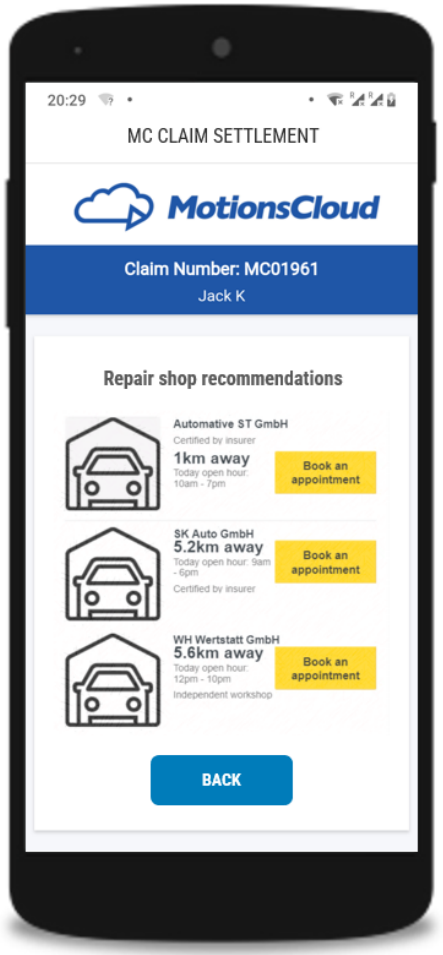
(No app download, installation and registration needed)

Remote live video inspection between claims manager and claimant (without install an app)

Fast-track Cash/Repair Settlement



Cash settlement proposal



Repair settlement proposal

MotionsCloud

The Saving we have Achieved for each Client

Average of

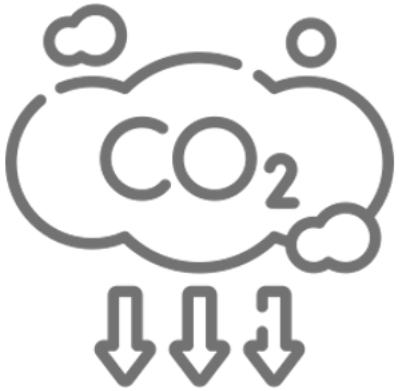
-1.5h

Working time saved per case

$80

Average savings per case on processing

Average 4.5/5.0 stars user rating



Average of

-10,000

Kilogram

CO^2 emission yearly per field adjuster/inspector

MotionsCloud

Unique solution & competitive advantage

Severe Damages

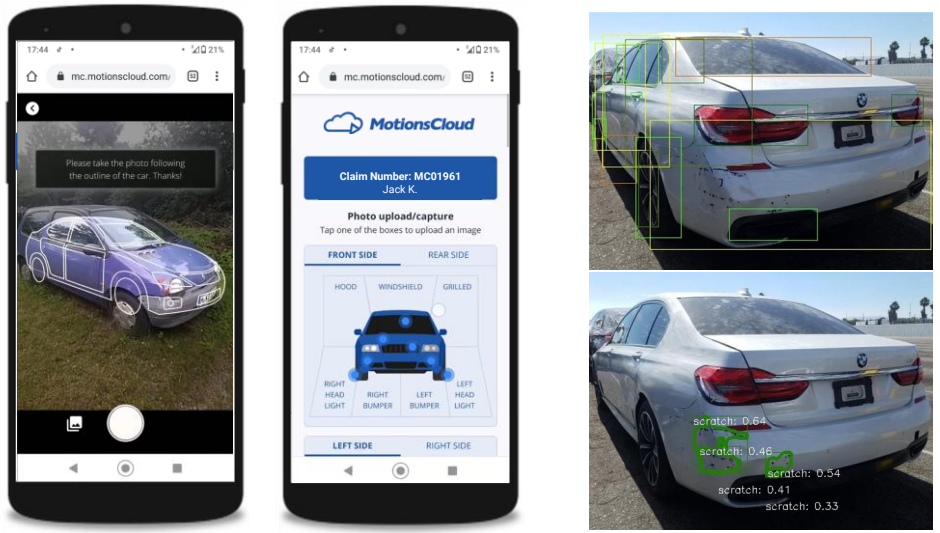
Significant Damages

Cosmetic Damages

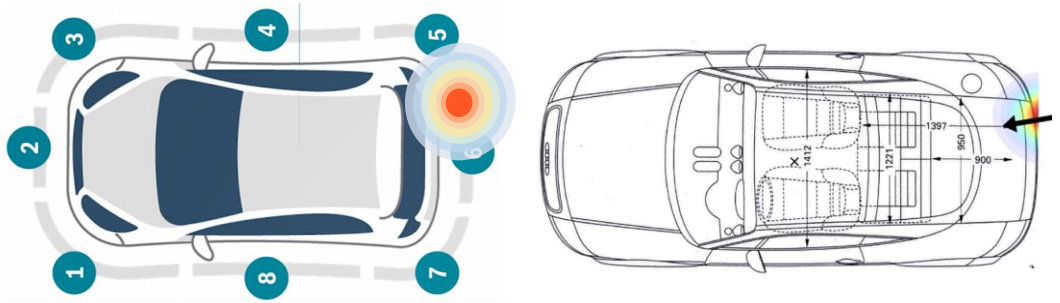
Speed, acceleration

Location, direction

AIoT device (BOSCH-MotionsCloud partnership)



AR mobile web-based inspection & AI damage assessment



External visual damages as well as internal damages can be estimated based on AIoT, AI & AR modules

MotionsCloud

Applicable for underwriting/pre-inspection use cases

Underwriting / pre-inspection

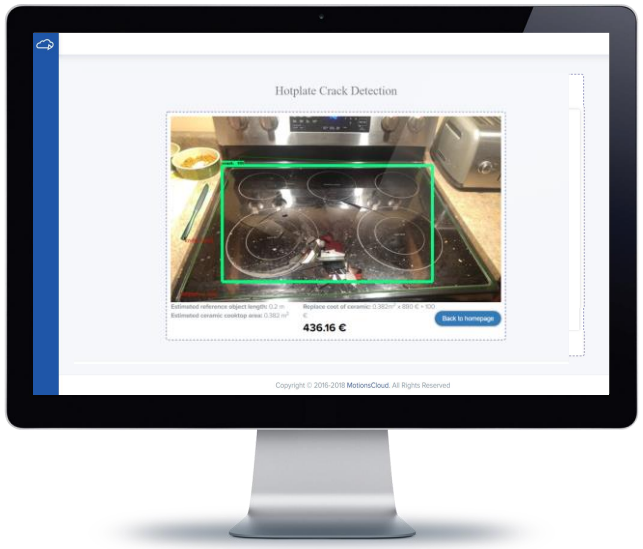
Claims / damage event

Used car insurance & Carsharing/rental

MotionsCloud

Applicable for other verticals / use cases

Property & Household Underwriting / Claims



Home survey & claims

Smartphone Insurance Underwriting / Claims

Phone insurance activation & claims

Luggage Insurance Underwriting / claims

Before & after flight

MotionsCloud

Business Model

Subscription &
pay per case per module

Awards and Recognitions Locally and Internationally

TOP 7 IN EMEA

MotionsCloud

Our distribution partners

WITH ACCESS TO OVER 300 CORPORATES

Our investors

SOSV

NET INSURANCE

artesian VENTURE PARTNERS

GLOBAL INSURANCE ACCELERATOR

ParticleX

AISI

excon

MotionsCloud

Team

FOUNDERS & MANAGEMENT

LEX Tan
CEO

HSBC
McKinsey&Company
Fraunhofer

Dr. ALEXIS Hanke
CSO

claimbees
Innovation Group
UNIVERSITÄT HOHENHEIM

PABLO Vu
CAIO

eit European Institute of Innovation & Technology
VTC online beautiful life... loading
IDG | Ventures Vietnam

SEREYBOTH Van
CTO

yoolk inc.
security

\+ 25 tech & AI team members

MotionsCloud

Team

ADVISORS

Oscar Ramos
PARTNER OF SOSV
VC

Fabio Pittana
COO OF NET INSURANCE

Martin Havlík
PARTNER & MANAGING
DIRECTOR OF AISI

MotionsCloud

DAMAGE ASSESSMENT AUTOMATION ENGINE FOR PROPERTY & VEHICLE INSPECTION

LEX TAN, CEO

motionscloud.com

+49 15211636107

lex@motionscloud.com

Seoul, S. Korea | Munich (HQ), Germany | Des Moines, IOWA, USA