PIX4D

geometius

Photogrammetry Day

06.06.2024

Geometius Meet and Weet event 2024

PIX4D

Pascal Jeannenot

Business Development Executive
EMEA - north
Lyon - Pix4D

Maxence Trogneux

Business Development Executive
EMEA - north
Rouen- Pix4D

12
offices

60k+
unique active users

20k+
weekly active users

120M+
acres modeled

200+
Countries

140+
Pix4D authorised resellers worldwide

Public company
[Parrot Group]

Pix4D offices
Official Partners

Our Vertical Market Focus

They trust our products and solutions

Surveying & mapping

Michael Baker INTERNATIONAL
Ordnance Survey
Stantec
BURNS McDONNELL
IGN
ARCADIS
esri

Precision Agriculture

DEVERON
PAS
RESSON
Anez

Construction, Engineering & Architecture

Balfour Beatty
VINCI
Stantec
VolkerWessels
LEONHARD WEISS
BECK
STRABAG

Energy, utilities & infrastructure

BASF
We create chemistry
GOLD FIELDS
ANGLO AMERICAN
GLENCORE

Public safety

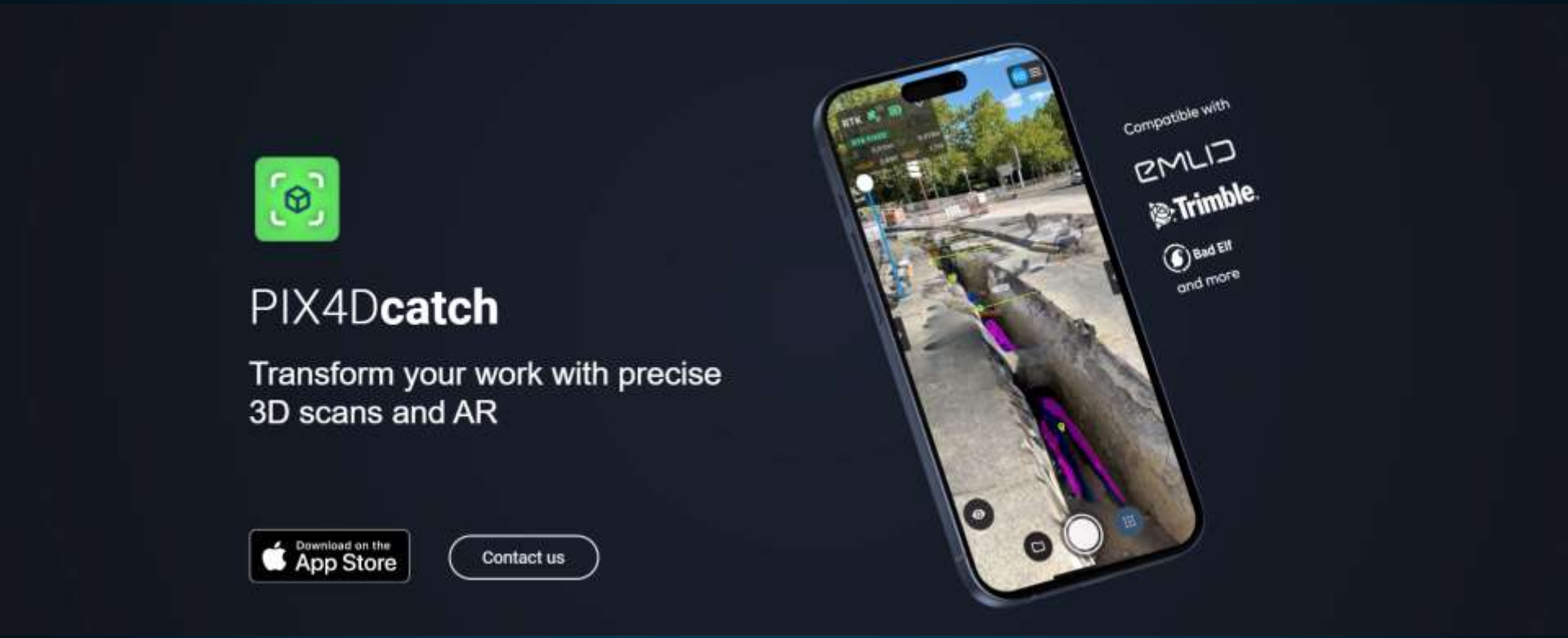
ESSEX POLICE
VISUAL LAW
POLITIE
KENTUCKY STATE POLICE
GLOBAL MEDIC

Telecommunications

MOTOROLA SOLUTIONS
STT COMWARE
axians

And tens of thousands of companies, organizations, academic institutes, nonprofits and individual customers around the world...

PIX4Dcatch – Transform your smartphone into 3D scanner



Workflow

Capture ground data

- Walk along or around the area of interest to scan, and PIX4Dcatch will automatically record video frames with positional and orientation information.

Ensure completeness

- Ensure completeness experience real time AR feedback.

Export and process

- The live Export and process : upload the captured images to PIX4D Cloud or export to PIX4D maper or PIX4D matic to generate accurate, measurable, easy to share 3D

Pause and restart

- Pause and restart : pause the capture whenever needed. The live viewer continues to display on your device, displaying the areas already covered.

Compatible RTK devices

Pix4D-adapted viDoc*

Trimble® Catalyst™ Da2

*Only Pix4D-adapted viDocs are compatible with PIX4Dcatch

How does PIX4D leverage RTK technology ?

PIX4Dcatch

Precision and efficiency in data collection
PIX4Dcatch with RTK delivers centimeter-level 3D accuracy by using real-time geolocation

PIX4Dmatic

Enhanced georeferencing
RTK greatly enhances PIX4Dmatic's accuracy, ensuring high-precision georeferencing essential for achieving absolute accuracy in project deliverables

PIX4Dcloud

Easily process and share your data
RTK enhances PIX4Dcloud's accuracy, providing precise georeferenced data access for stakeholder analysis. It also improves DXF and IFC visualization with AR, offering accurate as-built previews.

PIX4Dcatch
DOCUMENT
YOUR TRENCH
IN 3D AND VERIFY
WITH AR AND
RTK PRECISION

PIX4D

Market leader in geospatial B2B mobile, desktop, and cloud applications

280+ employees, 26 languages, 42 nationalities

Manufacturer-agnostic software solutions

consistent double-digit growth over the last 10 years.

Hardware solutions catered to specific industry needs

10% of Pix4D employees have a PhD.

Architecture,
Engineering,
Construction

Architecture, Engineering & Construction

Applications include:

Project planning
& design

As-built verification
& documentation

BIM
integration

Benefits:

Decrease
costs

Collect ground data
instantly

Improved
collaboration

Used by:

Stantec

国際航業

STT COMWARE

Surveying &
Mapping

Surveying & Mapping

Applications include:

Land surveying

As-built verification & documentation

Terrain analysis

Benefits:

Decrease costs

Accurate results

Streamlined communication & easy integration

Used by:

GLENCORE NIPPON KOEI 国土交通省

Energy, Utilities & Infrastructure

Underground Utilities & Infrastructure

Applications include:

Laying pipelines, cables, or utilities

Measuring excavation and backfill

Digitizing assets for proof-of-work

Benefits:

As easy as recording a smartphone video

Fast and automated 3D as-built creation

Import vector files to CAD, BIM, or GIS platforms

Used by:

ATAY HSC Pipeline Engineering Pte Ltd NaviGate

Telecommunications

Telecommunications

Applications include:

- Asset management and maintenance
- Automated analysis with integrated AI
- Project planning and communication

Benefits:

- Up-to-date information to maximize profitability
- Improved safety and efficiency
- Scalable across thousands of assets

Used by:

MOTOROLA SOLUTIONS

axians

IVADRONES

Public Safety & Forensics

Public Safety & Forensics

Applications include:

Aerial or terrestrial car crash reconstructions for investigations

Emergency response for natural disasters

Crime scene modeling for court

Benefits:

Accurate 3D reconstructions

Fast processing for situational awareness

Work offline or shar results online

Used by:

Precision Agriculture

Precision Agriculture

Applications include:

- Crop scouting and trial plot management
- Variable rate application and spot spraying
- Crop insurance reports

Benefits:

- In-field results available offline
- Precision treatment and optimized resource allocation
- Reports shared online or via PDF reports

Used by:

Kubota YANMAR YUKIMURA.TECH

Enterprise (EUM)

Enterprise - EUM

Applications include:

Custom platform construction

International project management

Scalable asset management and maintenance

Benefits:

Use of needs specific algorithms and products

Dedicated support representatives

Generate results at scale

Used by:

Kubota

YANMAR

YUKIMURA.TECH

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