Pix4D Connect

Enterprise Scalability & Connectivity
Offices

- 200+ global employees
- 41 nationalities
- 26 business languages spoken
Products

**PIX4Dfields**

Advanced agriculture mapping software for faster decision making and action, at any critical stage, without leaving the field.

**PIX4Dmapper**

Advanced photogrammetry software for measuring volume and creating 3D or digital surface models.

**PIX4Dengine**

Programming modules to empower customization, automation and integration into any enterprise system workflows.
PIX4Dfields applications

Field scouting
Crop production
Trial plots
Fertilization
Insurance
Crop protection
PIX4Dfields and Pix4D Connect
Making data collection scalable in 2021
Top pitfalls for enterprise clients

1. Lack of internet availability
2. Slow internet uploads
3. Data loss after capture
4. Long processing times
5. Lack of automated process/control
6. Non-standardized (calibrated) data
7. Time wasted on logistics
Drones in agriculture

Fixed Wing
- Longer Flight Time
- Large project areas
- Nadir camera orientation
- Longer take off and landing zone

Multi-rotor
- Shorter flight time
- Small project areas
- Nadir and oblique camera orientation
- Vertical takeoff and landing

VTOL
- Fully automatic
- Adjustable altitude
- Nadir and oblique camera orientation
- Vertical takeoff and landing
Cameras in agriculture

**Multispectral**
- MicaSense RedEdge-MX
- DJI P4 multispectral
- Parrot Sequoia+
- Sentera NDVI or NDRE single sensor

**RGB & multispectral**
- senseFly S.O.D.A
- AeroVironment Quantix Mapper

**Thermal and modified**
- DJI P4 PRO
- MicaSense Altum
- MAPIR Cameras
The Pix4D Connect solution

1. Capture data at scale
   a. Multiple pilots/systems
   b. Multiple locations
2. Process in-field
3. Only sync what’s necessary
4. Analyze and distribute to your clients
What is Pix4D Connect?

- API Connection(s)
- PIX4Dfields to push data to PIX4Dcloud
- 3rd party to pull data from PIX4Dcloud
What can Pix4D Connect transfer?

Current Release
- Connect with existing users
- Pull orthomosaics/DSM
- Pull NDVI

Future Release
- Support multiple/custom indices
- Push/pull annotations
Efficient solutions

✓ Platform & sensor flexibility
✓ Simple user interface
✓ Automatic RTK processing
✓ Automatic radiometric corrections
✓ Edge processing - no internet
✓ Change Resolution/Compression
✓ Share to PIX4Dcloud & Pix4D

Connect....
Contact Pix4D

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