

User Manual - DroneAgri Panel

Agricultural Drone Services Platform

Version: 1.0 Date: January 2025 URL: <https://cieniowanie.droneagri.pl>

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1. Introduction

DroneAgri Panel is a web and mobile application that allows customers to request agricultural drone services quickly and easily. The platform is available in 6 languages: Spanish, English, Polish, Czech, Slovak, and Italian.

Requirements

- Modern web browser (Chrome, Safari, Firefox, Edge)
 - Internet connection (the app works partially offline)
 - Registered user account
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2. Registration and Login

Create a New Account

1. Go to the main page: <https://cieniowanie.droneagri.pl>
2. Click on **"Log In"** in the upper right corner
3. Select **"Register"**
4. Complete the form:
 - **Full name**
 - **Email address**
 - **Password** (minimum 6 characters)
5. Click **"Create Account"**

Log In

1. Go to the login page
2. Enter your email and password
3. Click **"Log In"**

Password Recovery

1. On the login page, click **"Forgot your password?"**
 2. Enter your email address
 3. You will receive a link to reset your password
 4. The link is valid for 1 hour
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3. Client Dashboard

Once logged in, you will access your client dashboard where you will find:

Statistics

- **Completed:** Number of finished jobs
- **Confirmed:** Scheduled and confirmed jobs
- **Pending:** Requests awaiting confirmation
- **Total:** All your jobs

Calendar

- Monthly view of your scheduled jobs
- Colored dots indicate status:
 -  Green: Completed
 -  Blue: Confirmed
 -  Yellow: Pending

Job List

- Filters by status: All, Completed, Confirmed, Pending
 - Detailed information for each job
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4. Requesting a Service

Step 1: Select Service

1. Click on "**Request Service**" (green button)
2. Select the type of service you need
3. Click "**Next**"

Step 2: Date and Time

1. Select the desired date on the calendar
2. Choose your preferred time
3. For **Drone Rental**: select start and end date
4. Review the weather forecast (not available for repairs)
5. Click "**Next**"

Step 3: Contact Details

1. Complete the form:
 - **Name*** (required)
 - **Email*** (required)
 - **Phone*** (required)
 - **Location*** (required)
 - **Area in hectares** (optional, not applicable for repairs)
 - **Additional notes** (optional)
2. For **Repair and Maintenance**:
 - **Flight hours*** of the drone
 - **Damaged or worn parts*** that need attention
3. Review your request summary
4. Click "**Submit Request**"

Confirmation

- You will receive an on-screen confirmation

- An email with the details will be sent to you
 - The team will contact you within 24 hours
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5. Available Services

Drone Fumigation

Precise aerial application of phytosanitary products with state-of-the-art technology.

- Uniform coverage
- Reduced product usage
- Lower environmental impact

Greenhouse Painting

Application of shading paint on greenhouses using high-precision drones.

- Homogeneous coverage
- Quick application
- No scaffolding or risks

Aerial Mapping

Detailed terrain analysis with high-resolution images and precise data.

- Orthomosaics
- Vegetation indices
- Problem detection

Elevation Models

Irrigation and drainage planning with high-precision 3D topographic models.

- DTM (Digital Terrain Model)
- Contour lines
- Slope analysis

Drone Rental

Professional agricultural drone rental with or without operator.

- By days
- With/without operator
- Training included

Repair and Maintenance





Specialized technical service for agricultural drones.

- Diagnosis
 - Component repair
 - Preventive maintenance
 - **Required data:** flight hours and affected parts
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6. Request Tracking

Request Status

Status	Description	Color
Pending	Awaiting review	● Yellow

Confirmed	Approved and scheduled	 Blue
In Progress	Work in execution	 Purple
Completed	Work finished	 Green
Cancelled	Request cancelled	 Red

Notifications

- You will receive emails when your request status changes
 - You can also receive SMS if configured
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7. Offline Mode

The application works partially without an internet connection:

When You Are Offline

- **Yellow banner** appears indicating "No connection"
- You can view your saved data (last 24 hours)
- You CANNOT create new requests
- You CANNOT see recent updates

When You Reconnect

- **Green banner** indicates "Connection restored!"
 - Click "**Refresh**" to sync data
 - All data is updated automatically
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8. Frequently Asked Questions

How do I change my password?

1. Log in to your account
2. The administrator can send you a reset link

Can I cancel a request?

Contact the support team to cancel pending or confirmed requests.

What languages are available?

- Spanish
- English
- Polish
- Czech
- Slovak
- Italian

Does it work on mobile?

Yes, the application is available as:

- Responsive web page
- iOS app (App Store)
- Android app (Google Play)

What do I do if I forgot my password?

Use the "Forgot your password?" option on the login page.

How long does it take to confirm my request?

The team will contact you within a maximum of 24 hours.

Support

For any questions or issues:

- **Web:** <https://cieniowanie.droneagri.pl>
 - **Email:** Contact through the platform
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DroneAgri - Innovation at the Service of Farming