

# User Roles & Permissions

Users can be assigned various **permission groups**, which define their level of access and capabilities within INVISON. These permissions are divided into **Standard User Permissions** and **Addon Permissions**.

## Standard User Permissions

Each user can be granted one or multiple permission roles:

Permission Group	Access Level & Description
Client-Admin	Full INVISON Trials access within a pre-created client.
Trial-Admin	Full Trials Overview & Project Management access for specific trials.
Trial-Manager	Partial Trial Overview access but no Project Management access.
Trial-Operative	Similar to Trial-Grower but can complete actions for other assigned fields.
Trial-Grower	Field owners with participation access to enrolled trials.
Trial-Field-Worker	Can carry out field visits using the mobile app.
Trial-Analytics-Admin	Can edit trial area and approve/unapprove trial results.

## Addon Permissions

These additional permissions enhance user capabilities and can be assigned separately:

Permission Group	Access Level & Description
Trial-Processor	Grants access to the <b>GIS Workstation</b> and can be combined with other permissions to determine accessible fields.
Imagery-Admin	Allows scheduling of imagery.

### 1. Client-Admin

- **General Permissions:**

- Full INvision Trials access within the pre-created client areas.
- Access, enroll, dropout growers and fields.
- View and upload data; edit data and field areas.
- Approve or unapprove results.
- Full access to project management: create, edit trials, and set trial activity status.
- Manage users, assign permissions, and manage protocols (create, delete, edit name, and edit steps).
- Field characterization, visits, and setting up data characterizations.

- **Special Permissions:**

- No access to imagery management or ordering.
- Cannot approve or unapprove trial analytics or edit trial areas.

## 2. Trial-Admin

- **General Permissions:**

- Full Trials Overview and Project Management access.
- Can perform all the tasks allowed to Client-Admin except adding users and assigning permissions.
- Enroll growers, fields, view and upload data.
- Edit data and field areas, approve or unapprove results.

- **Special Permissions:**

- Manage imagery (admin rights) and order imagery.
- Limited analytics administration: only approve results within their assigned trials.

## 3. Trial-Manager

- **General Permissions:**

- Partial access to Trial Overview, no Project Management.
- Can enroll growers, view and upload data.
- Partial permissions for editing data and field areas.
- Can conduct field visits and characterization.
- Does not have access to managing trials, protocols, or user permissions.

- **Special Permissions:**

- No access to imagery management or ordering.
- Limited trial analytics administration: can approve results but cannot edit trial areas.

## 4. Trial-Grower

- **General Permissions:**

- Field owners with access to enroll their fields, view individual field data.
- Partial access to data upload and editing within their own fields.

- Can carry out field visits.
- **Special Permissions:**
  - No access to imagery management, ordering, or trial analytics administration.

## 5. Trial-Operative

- **General Permissions:**
  - Similar permissions to Trial-Grower but can complete activities and participate in trials.
  - Partial access to Trial Overview, similar to Trial-Grower for data access and edit.
- **Special Permissions:**
  - No special permissions for imagery or analytics.

## 6. Trial-Field-Worker

- **General Permissions:**
  - For carrying out field visits and collecting data via the mobile app.
  - Partial access to view and upload field data.
- **Special Permissions:**
  - No access to imagery management, ordering, or trial analytics administration.

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