

# FIELD GUIDE

## GUIDELINES FOR A SUCCESSFUL DEPLOYMENT

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Download the [Silvanet Deployment Mobile App](#) for iOS devices.



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For more information visit the online documentation: [docs.dryad.app/dryad-documentation](https://docs.dryad.app/dryad-documentation).



Visit [https://www.youtube.com/watch?v=\\_HSeM5HV4GI](https://www.youtube.com/watch?v=_HSeM5HV4GI) to watch the Dryad Silvanet Suite tutorial which provides deployment and fire testing guidelines.

## TOOLS



Tool box that is big enough to carry all necessary tools and sensors.



10 mm wood drill bit and an (optional) 6 mm wood drill bit to drill a pilot hole to prevent splitting, especially with hardwood trees



Hammer for treenails.



Cordless drill for drilling holes for treenails (min 18V) with extra battery and charger.



Chisel to shave off tree bark.



Chainsaw for quickly cutting large branches if required.



Shears (snips) for trimming branches (if required) and for cutting lengths of garden wire.



17 mm wrench for the U-clamp bolts for gateway pole deployments.



Binoculars to scout the area and ensure line of sight between devices.



Soft coated garden wire for temporary installation of devices.



A 16-foot (5 meter) ladder for installing sensors and gateways. A folding ladder or a telescoping ladder is easier to carry through the uneven ground of a forest and longer distances.

Weight Range: 15–35 lbs (7–16 kg).

## FIELD SAFETY

1. It is highly recommended to **not proceed with deploying alone** in the forest or in a utility setting. Deploying safely requires a team of **at least 2 people**.
2. **LCES** (Lookouts, Communications, Escape Routes, and Safety Zones). This system ensures critical safety measures are always in place.
3. Confirm the deployment plan is finalized and you have the **right of way** to deploy so last minute delays can be avoided.
4. Ensure you possess the necessary **certifications** and **safety training** required for working in the designated deployment area.

## SAFETY GEAR



**PPE** (Personal Protective Equipment) kit for tree climbing or forestry work is designed to protect against injuries while climbing trees, handling tools, and navigating potentially hazardous environments.



Top ladder safety strap. To stabilize the ladder, secure the ladder to the tree.

Make sure to have enough length to accommodate big trees.



Tree Climbing Harness to securely support climbers when ascending, descending, or working on trees.