

**CDMI** has created a family of standardized, quick deploy communications sites. The **Lite-Site** Ballasted Base Frames and **Lite-Pole** Monopoles work together to create communications sites that remove delays from the entire site development process.

**Lite-Site's & Lite-Pole's** are quickly assembled from modular stock parts that can be configured for one to four carrier, low visual impact monopole sites reaching heights up to 140'. Tapered monopoles and custom poles are also available with the **Lite-Site**.



**Lite-Sites** can be used as a permanent or temporary communications site in places not traditionally thought to be viable locations.

A site can be installed in less than a day on blacktop or gravel with no below grade foundation.

CDMI has developed a simple assembly process that eliminates variability & error during the construction process streamlining the installation of the site.



## Temporary Communications Site

Sometimes a permanent site can't be acquired quickly enough for your system needs or you just need a little extra capacity and coverage. A **Lite-Site** can be installed in a day and used as a temporary site. This will allow you more time to negotiate that long term lease, have maintenance completed, or give you the capacity during a special event. The **Lite-Site** can also be used for MET, signal study programs and testing area coverage. When your work is done, you can move your portable **Lite-Site** on to the next location. If the **Lite-Site** satisfies your needs, you can always use it as a permanent PE Certified solution.



## No Ground Penetration

In some instances you can simplify the site approval process by just not penetrating the soils. The **Lite-Site's** ballasted base frame can hold up to a 140' monopole. If you need a site on Indian Tribal Lands, a historic location or just can't touch the soils, the **Lite-Site** can be installed with no ground disruption.

The **Lite-Site** base frame creates less than 1,500 pounds per square foot of pressure on the ground; therefore no geotechnical investigation is required. The entire Base Frame is considered an on grade foundation system.



## Co-Location

Having co-location potential can help get the site approved. The **Lite-Pole** standardized slim-line monopoles are designed to be used on the **Lite-Site** Ballasted Base Frames. They are modular so that you can choose the height and number of carriers needed. If the site is temporary, re-configuration of the height and/or number of carriers can be accomplished as needed for future deployments. Since all the antennas are shrouded, the engineering analysis required to confirm the pole configuration is quick and simple.



## Stealth Sites

**Lite-Pole** slim line monopoles are often better than an artificial tree structure. The eye may see it, but the mind doesn't notice. Minimized visual impact is achieved through shrouded antennas creating multi-carrier sites with no obstructions to attract attention.

These can be used as temporary or permanent sites. Temporary sites have even been asked to be made permanent because of the positive aesthetics. CDMI can custom finish the monopoles in multiple colors to mask the appearance of the site.



## Difficult Access

Whether it's a postage stamp sized compound area, a remote Alaskan Village, or a mountaintop site, the **Lite-Site** can make your access easier. The **Lite-Site 10** can hold a 65' monopole with a compound area of 10' square. **The Lite-Site 15** can hold a 115' monopole in a 15' area and the **Lite-Site 20** can hold a 140' monopole in a 20' compound, all without guyed wires. **Lite-Sites** have been installed in locations where heavy equipment can't reach. They have been transported by plane, barge, helicopter, off road fork lift and pick-up truck. While most have been installed with the use of a crane, some have used gin poles or tilt up lifting systems.



## Quick Deployment

**CDMI's Lite-Sites** have been transported all over North America. Shipping is from stock for those quick turn around times. Whether it be for disaster recovery, special event or an emergency repair, **CDMI** is ready to get you online.

**The Lite-Site 10** can be delivered on a single 10' x 4' pallet and is ideal for disaster recovery. Ballast can be anything locally available, and there is no heavy equipment required for assembly.



**The Lite-Site 15** can be shipped from stock. The base frame, security fencing, ballast, hardware and poles can be packed together and shipped quickly.



**The Lite-Site 20** can be packaged and shipped easily for those challenging site locations. The modular design is suited for transport by tractor trailer.



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