

# Ensuring a successful deployment

## 4 common testing types for physical security solutions

Testing your physical security solutions as you go along during design and implementation makes your plans more durable and your deployments smoother. The more you understand your solution and how it will behave, the more you can innovate—and intelligently ward off expensive surprises.

As you can read about in our [recent white paper](#), physical security system testing provides a golden opportunity to make sure the solution you're deploying works on the most important level: not just "Does it function correctly?" but also "Does it meet our specific business and security objectives?"

There are many ways to refer to the tests you and your consultant will perform, but here's a handy way to think about the four main types:

### Proof of viability

***Have you short-listed the equipment selections you plan to incorporate and test further?***

List out the potential equipment based on your consultant's industry expertise, and then narrow the list for further evaluation based on critical, must-have, and easier to verify criteria.

### Proof of function

***Do the solution components meet the specifics of your independent requirements?***

Check all devices to make sure they do what they say they do. Then, look beyond the supplier's spec sheets for each device and determine whether all components will serve your needs.

### Proof of concept

***Will the end-to-end system behave as you need it to under real-life conditions?***

When you're closing in on your final design, determine whether all components will perform and work together the way you need them to in your environment.

### Pilot

***You've built out your system—what can you learn from a test run before bringing it online?***

Prior to flipping the proverbial big red switch, figure out ways to test it in lower-impact, non-critical areas without compromising security or disrupting business continuity.

These testing types aren't strictly sequential, and not all of them will apply to every project. Collectively, however, they cover the potential scope of inquiry for yielding optimal security and business results.



For more details on testing philosophy and best practices for physical security systems, read our white paper, [Making test plans worth your investment: How innovations in security solution testing pave the way to on-budget results.](#)



ZBeta provides lab space for testing just about any solution under conditions that will closely resemble your built environment. For more information, visit [zbeta.com/labz](https://zbeta.com/labz).