# HOW TO DEPLOY PLUG SHIELDS
# TO OBTAIN
# MAXIMUM BENEFIT

**PLUG SHIELDS ARE MOST EFFECTIVE AT ELIMINATING OVERLOADED CIRCUITS, BLOWN BREAKERS AND UNBALANCED PHASES WHEN THEIR USE IS SUPPORTED BY APPROPRIATE PROCEDURES.**

**TO OBTAIN MAXIMUM BENEFIT, AGITAN RECOMMENDS THAT THE FOLLOWING FOUR GUIDING PRINCIPLES BE ADDED TO YOUR POWER MANAGEMENT PROCEDURES:**

## 1. Communicate and Enforce a Plug Shield Rule

Communicate to all people who have access to your receptacles that Plug Shields are to be removed only by members of the power management team (only this team should possess removal tools). If your organization has non-negotiable data center rules (such as no food, no extension cords, etc.), consider making the Plug Shield rule non-negotiable.

## 2. Protect All Vacant Receptacles

For maximum benefit, Plug Shields should be installed in all vacant receptacles. Securing only those receptacles or circuits that are at or near capacity will eventually become counter-productive, because end-users may not be able to distinguish between intentionally and mistakenly vacant receptacles.

## 3. Per-Cabinet Audit When Executing Adds, Moves, and Removals

When a piece of equipment is added, moved or removed, the cabinet or rack should be audited for vacant receptacles and corrected as needed.

## 4. Include Plug Shields in Audits

When conducting data center walkthroughs or audits, include a check for vacant receptacles. The power management team should immediately secure any vacant receptacles with Plug Shields.