



# TECORE® IntelliJAM™

TECORE's IntelliJAM™ is the ideal solution for intelligently controlling access to mobile networks within a defined area. The applications are numerous and span the spectrum of wireless communications. Whether taking in a movie, barring unauthorized access to prisoners, or limiting wireless access at embassies to personnel's approved phones, today's world demands more controlled access to wireless communications. While networks have been built to provide macro coverage, little attention has been paid to limiting the access within a site, building, campus, or other administrative area to a restricted set of users. The need for micro- or pico-level control of an area requires a targeted solution – TECORE's IntelliJAM provides the answer. As an alternative to all-or-nothing jamming technologies, the IntelliJAM platform intelligently manages access to the commercial systems within a specified coverage area, limiting access to only pre-approved users.

**T**his solution is perfect for many types of environments where access to wireless networks needs to be controlled.

## IDEAL FOR

- Embassies/VIP Security
- Government Facilities
- Military Bases
- Law Enforcement Facilities
- Correctional Institutions
- Hospitals & Businesses
- Educational Institutions
- Theatres, Concert Halls
- Stadiums
- Meeting Rooms

## FEATURES

- Provides a proven method of communications control within the facility grounds
- Multi-technology support provides a comprehensive solution across technologies and frequencies
- Able to manage the network from a single platform over an IP connection
- Defines users as Known Good, Known Bad, or Unknown

*Together, we can change the world...  
one network at a time.*

## WHAT IS IT AND HOW DOES IT WORK?

IntelliJAM is comprised of a control unit and a mini base station. It is deployed within the area of interest and emits a signal to compel handsets within its range to lock on to it. This stronger signal forces users within the controlled coverage area to register onto the IntelliJAM network while appearing to still be on the commercial network. Based on the IntelliJAM settings, wireless phone users in the controlled coverage area will either be approved and redirected to the commercial network for normal service, or they will be denied and will be unable to place or receive calls or text messages.



Facility coverage within the mobile network

### LOCKDOWN

Disallow access to the commercial network



The IntelliJAM locks this type of subscriber to the system, prohibiting access to the commercial network. The IntelliJAM creates the illusion that the subscriber is registered, as it returns a positive acknowledgement of registration. In effect, they are locked to the IntelliJAM, denying all service until departing the coverage area.

### ALLOW SERVICE

Allow access to the commercial network



This type of subscriber is allowed access to the commercial network. The subscriber's attempt to register to the IntelliJAM is denied and redirected out to the traditional network, allowing them to use their device as normal for both inbound and outbound traffic.

### GENERAL POPULATION

Allow or disallow access to the commercial network



These are subscribers that are not specifically identified as either good or bad in the data-base. They can be handled either as good subscribers (allowed access to the commercial network) or as bad subscribers (disallowed access to the commercial network) based on the security level requirement of the location.

