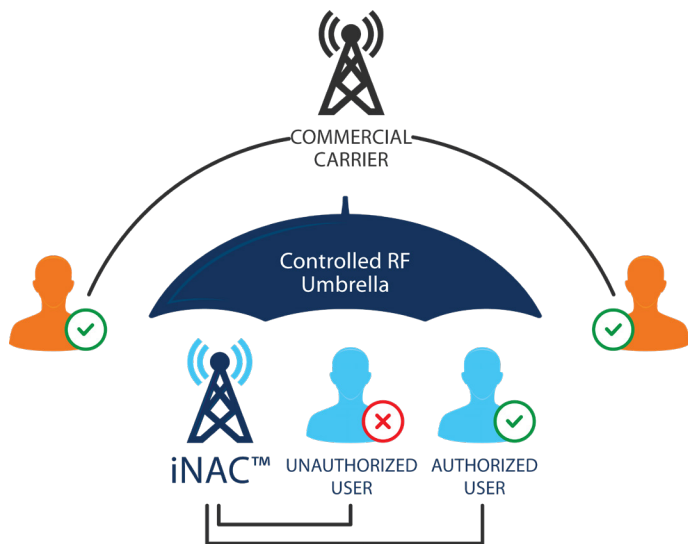


Intelligent Network Access Controller (iNAC)TM

Managed Access System-Evolved (MAS-E)

As the popularity and benefits of wireless communications grow, so do unwanted side effects, such as use of cellular devices in restricted areas. Recent national security events - ranging from illegal activity coordinated from correctional institutions to information and security leaks from secured facilities - have only emphasized the need to implement a measure of communications control in these targeted areas. Leveraging the patented technology of Managed Access as well as multi-protocol wireless operations, the Intelligent Network Access Controller (iNAC)TM, forms a radio frequency umbrella around a precisely defined target area and manages cellular devices within range. iNAC Managed Access provides the system operator with the capability to selectively permit or deny communications for devices within the restricted area based on a rich policy engine that includes continued support for cellular network regulations such as 911. The iNAC does not require changes in law to operate.



FEATURES + BENEFITS

- Based on the patented iCore platform, supporting multiple network technologies and commercial carriers from a single system
- Reduced hardware utilizing smart radio platform
- Designed for fixed and mobile deployments
- Supports centralized and distributed modes of operations
- Provides local and remote management capabilities
- Purposely built for state and federal DOC facilities
- Supports 2G/3G/4G/5G commercially deployed radio access network technologies
- Provides management of authorized and non-authorized subscribers
- Software remotely upgradeable for new feature enhancements and maintenance releases

Advantages of iNAC

Assurance that unwanted communications are being disrupted before they occur

Avoidance of resource-intensive measures to manually locate and retrieve devices

Affects not only cell phones, but subscriber identity module (SIM) cards, which store contact lists and account plans, are as small as postage stamps and easily concealable, and can be transferred from one phone to another so that inmates can continue to place calls

Availability of device and call information for forensic analysis consistent with applicable law

Options for tracking device location

A range of funding options to accelerate deployments and prevent further threat to the community at large

CAPEX/OPEX efficient using smart radio platform



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VALUE ADDED FEATURES

While targeted focus of the iNAC Managed Access solution is to provide control of the cellular communications within the targeted footprint of the system, there are additional features and capabilities that can be added to the platform to expand the scope and capability of the service:

Private LTE Service

This capability can be used for revenue-generating services and staff broadband service, VOIP paid phone service, local inmate education, and content distribution.

Interoperability for Emergency Communications

The system supports localized Push-To-Talk (PTT) functionality and PBX services for secured communications. The iNAC also supports configurable route management for 911 calls from illegal phones.

Annoyance Feature

This patented feature will continuously attack illegal devices with incoming call attempts, text messages, and picture messages. The purpose is to drain the device's battery and keep it occupied so that the user cannot use it.

Enhanced Location Tracking

As an evolution to the patented managed access control the iNAC provides, the system can be equipped to support the additional capability of detection. When enabled, the service can obtain the location of any GPS enabled device whether the device has GPS enabled or not.

Technology Resilience

As a carrier-grade full-stack core technology, the iNAC is future-proofed as it will continue to evolve as the commercial carrier protocols evolve. In addition, the iNAC Cloud Services provide communication to the commercial carriers to ensure that the solution keeps up with the industry standards.

iNAC for Corrections Facilities

Corrections institutions worldwide have been grappling with the pervasive and increasing threat to public security from prison inmates using contraband cell phones behind bars. Tens of thousands of cell phones have been confiscated across the U.S. in each of the past several years. Despite the efforts to search and seize these illegal devices, the number found continues to grow by as much as 70 percent annually. Despite the increased search and seizure efforts, the problem of contraband cell phones has continued to grow. That has made the ever-present threat to national security and public safety at the forefront of the security concerns for nearly every correctional institution from coast to coast.

Tecore's iNAC Managed Access is the industry's leading solution to combat the issue of contraband cell phones. Leveraging the patented operation of device by device control within the targeted area, the iNAC delivers comprehensive capabilities for state and federal Department of Corrections (DOC) and other government agencies to selectively control the access to the commercial wireless networks from within the facility. In deployments and demonstrations in separate regions of the U.S., iNAC systems have registered hundreds of call and message attempts per hour on average - with contraband devices being denied while authorized devices are simultaneously permitted to complete calls.

The iNAC Managed Access system has received widespread support, including that from the FCC, CTIA, the top four U.S. commercial mobile operators, and other carriers whose networks cover corrections facilities. With this important backing, Tecore has been actively working with correctional institutions to plan and deploy systems.

As the communications environments have evolved and expanded, the need to selectively prohibit and allow users in a given area is a critical application. Whether for public safety, communications control, or other restrictive environment, a solution must be provided as an alternative to full blocking.



To learn more about our technology, products,
and services, call us at [+1.410.872.6500](tel:+1410.872.6500)
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