

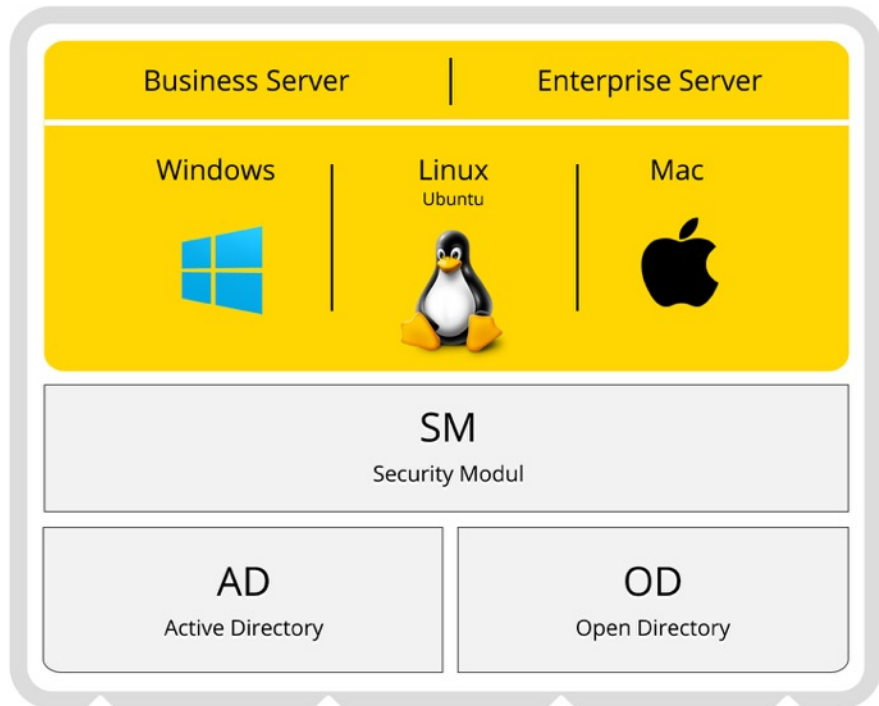


# TARMAC

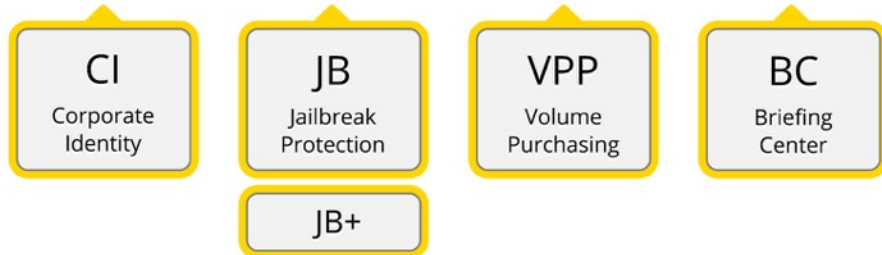
Product Catalog 2016/17  
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# The TARMAC Product Line

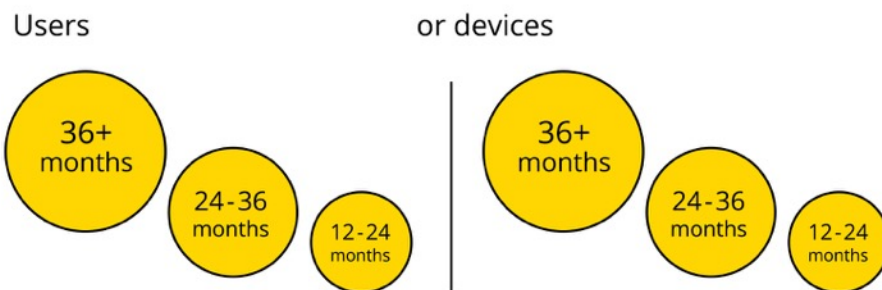
## 1 TARMAC Server



## 2 Modules



## 3 Seats



## 4 Services



## 5 Hardware Add-ons



# 1 Server

The TARMAC Server Software is installed on a local Windows, Linux, or Mac server within the DMZ, and is the foundation for Mobile Device Management (MDM).

The TARMAC server can be connected to your Active Directory (AD) or your Open Directory (OD). The selection of directory service is independent from the operating system TARMAC runs on (for example: a Windows server accesses OD services or a Mac server accesses AD services). User or device licenses can then be purchased as required.

The TARMAC server is licensed only once at the time of purchase. User and device licenses are only valid for a certain length of time. Updates for the TARMAC server are included as long as valid user or device licenses exist.

## Business Server Line

The TARMAC Business Server is optimal for a smaller collection of iOS devices in smaller businesses. Up to 50 user licenses are supported. Device based licensing is not supported when using the Business Server. It is however, always possible to upgrade from the Business Server to the Enterprise Server if the requirements change.

### Basis Version

The basic version can be used to configure iOS devices (e.g. Wi-Fi, e-mail accounts). Mobile device management or secure enrollment (SCEP) is not supported without additional modules. MySQL can be used for user management in this version. Additional modules can be added if purchased.

### Comfort Version

The comfort version of the business server already is equipped with all modules for typical small business use cases. You just have to pick your directory service (Active-oder Open Directory) and buy the number of user licenses. With this version your can configure and manage your iOS devices as well as distribute App Store, In-House or VPP Apps to your users.

## Enterprise Server Line

The Enterprise Servers are optimized for use in larger businesses or for situations where a greater number of iOS devices are being used. The TARMAC Enterprise Server supports an unlimited number of users or device licenses. The Active Directory Modules support the Enterprise Server with an external CA (Certificate of Authority) as well as multiple Active Directory domain controllers.

### Basis Version

The Basic version of the enterprise server makes it possible to create a modular configuration. With the Enterprise Server Basic Version, devices are rolled out by connecting to a MySQL database. Active or open directory modules can be purchased separately. Mobile Device Management features require the security module.

### Comfort Version

The Comfort version includes all working modules which are normally used in the realm of enterprises. Only the AD or OD modules have to be acquired separately. User or device licenses can be ordered if necessary. Other modules are also available for later purchase.

### Upgrade from Business Server

It's easy to upgrade from the Business Server to the Enterprise Server. Your existing modules are transferred. After upgrading, you'll have the opportunity to purchase an unlimited number of licenses for users or devices.

# System Requirements

## Server Hardware

- min. 4 GB RAM
- min. 2 GHz 64-Bit processor
- min. 40 GB free disk space
- Java SE 7 JDK 64-Bit
- Virtualized servers (e.g. VMWare vSphere or Microsoft Hyper-V) are ideal

## Operating System

- Windows  
Windows Server 2012 and Windows Server 2008 R2
- Linux  
Ubuntu Linux Server 12.04 LTS
- Mac  
OS X 10.8, 10.9, 10.10, 10.11 El Capitan

## Network Requirements

### Incoming TCP Ports

- 80 and/or 443  
TARMAC Web Interface and MDM Enrollment

### Outgoing TCP Ports

- 2195, gateway.push.apple.com  
Apple Push Notification Service
- 80 und 443, itunes.apple.com  
App Store Apps und VPP

### other Ports

- 5223  
Apple Push Notification Apps & MDM
- 2196  
Apple Push Gateway Responses

## 2 Module

TARMAC modules extend TARMAC's functionality and can be added to any TARMAC Business or Enterprise server.

### Active Directory Module (AD)

Integrate TARMAC into your existing Active Directory infrastructure with the Active Directory module. Active Directory user accounts are used to sign in to TARMAC. You can also integrate user attributes from your Active Directory in iOS Configuration Profiles.

The following Active Directory setups are supported:

- Active Directory Single Domain
- Active Directory Multiple Domain Controller (Forests)
- Global Catalogs

### Open Directory Module (OD)

Integrate TARMAC with your existing Apple infrastructure — typically an Open Directory. Open Directory user accounts can be used to sign in to TARMAC. You can also integrate user attributes from your Open Directory in iOS Configuration Profiles.

The following Mac OS X Open Directory setups are supported:

- Mac OS X Server 10.6 or later

### Simultaneous AD and OD integration

Active Directory (AD) and Open Directory (OD) modules can not be combined with each other and can't be used simultaneously. If simultaneous AD and OD integration is required, you will need to purchase two separate TARMAC server installations, one with an AD, other with an OD module.

### Using TARMAC without a Directory Module

If you wish to use TARMAC without connecting it to an Active or Open Directory, the system can use a simple MySQL database as a directory service instead. This can be MySQL Server 5.5 or 5.6. The database is accessed via TCP/IP and can either be installed locally on the TARMAC server or elsewhere on your network. TARMAC will automatically generate a database schema, allowing the administrator to add users and groups with any SQL database tool.

### Security Module (SM)

The TARMAC Security module is the foundation for MDM functionality. It provides the functionality and networking stack that is required to securely manage devices remotely. The Security module can either be integrated with an existing Windows CA infrastructure, or TARMAC can create an internal Certificate Authority. This enables secure communication with devices via SCEP and HTTPS.

The Security module includes an equinux-authorized MDM push certificate, which can be requested via Apple's Push Notification Portal: <http://identity.apple.com/pushcert>.

Without the Security module, devices can be configured when they connect directly to the TARMAC service, however you will not be able to remotely manage devices over-the-air. TARMAC can be used without a security module, e.g. to give employees secure access to Wi-Fi or email, without enabling remote management capabilities on those devices.

### Corporate Identity (CI)

The CI module allows you to customize the entire TARMAC UI, e.g. by getting a design agency to adapt the UI to your corporate needs (custom theme, add your logos and support information).

### Jailbreak Protection (JB)

The Jailbreak Protection module is included in the Comfort versions of TARMAC Business and Enterprise servers. The Jailbreak Protection module works by integrating with the Briefing Center app on devices and protects your IT infrastructure via its integrated jailbreak detection. Continuous monitoring ensures that newly jailbroken devices will be detected and reported to the admin.

You can also optionally use the Briefing Center app to configure iOS devices with the TARMAC server – ensuring your infrastructure is protected from the instant a device is connected.

### Jailbreak Protection API (JB+)

This module allows you to connect your own apps (or those a 3rd party has developed for you) with TARMAC using an SDK. The SDK is included within your app and can then automatically report jailbroken devices to the TARMAC server. As the SDK can be integrated into your internal apps, jailbroken devices can be identified more quickly.

The Jailbreak Detection API module includes one hour of free developer support that will help get your developers started with the integration. Additional developer support can be purchased separately.

## **Volume Purchase (VPP)**

The Volume Purchase module provides access to Apple's Volume Purchase Program. The VPP allows businesses to purchase large numbers of licenses on the App Store. The VPP module allows you to automatically distribute these licenses to your company's employees using TARMAC. TARMAC lets you know how many App Store licenses you need, so you only ever purchase the ideal amount.

An Apple Volume Purchase Program Account is required to purchase volume licenses.

Apple currently offers the Volume Purchase Program in the following countries: Australia, Canada, France, Germany, Italy, Japan, New Zealand, Spain, Great Britain and USA.

Your users need to have an App Store account in one of these countries to use VPP.

## **Briefing Center App (BC)**

Briefing Center app helps your employees work securely and seamlessly with their company iPhones and iPads: Wi-Fi, mail, calendar, VPN and more are automatically set up and individually configured for each employee. The integrated App Catalog allows users to install internal apps as well as App Store apps in seconds. Briefing Center is the foundation for jailbreak protection (see above).

The Briefing Center app is available free on the App Store for iPhone, iPad and iPod touch.

# 3 Seats

## User Licenses

TARMAC user licenses can be added to your TARMAC server. User licenses allow you to deploy personalized configuration profiles to the various user groups within your company – even with different mail, calendar, and VPN settings. User license rates are calculated by month per user.

User licenses can be ordered for any number of months (starting at 12 months). TARMAC Business Server supports up to 50 user licenses. Each user license includes up to 5 iOS devices per user.

## Device Licenses

TARMAC Enterprise Server also supports device licenses as an alternative to user licenses. Device licenses are calculated by month per device. Device licenses can be ordered for any number of months (starting at 12 months). Device licenses are valid for individual licenses instead of users and can be used to roll out a standard profile to anonymous (non user-based) devices. Additional user licenses are not required, nor is it possible to mix user and device licenses.

Device licenses are ideal for deployments where you need to manage pools of devices (e.g. at a university or in a museum).

## License extensions

Save up to 20% if you extend your license term in advance. The extensions will be added to your remaining term.

# 4 Workshops und Support

## Workshops

### Partner Certification Workshop

One-day certification workshop for TARMAC partners. Find out how to successfully install, configure and integrate TARMAC Business and Enterprise servers within any enterprise environment and with Active and Open Directory environments. Our experts will cover MDM for iPhone, iPad and iPod touch in detail. Take advantage of the opportunity to discuss the latest iOS MDM issues with our presenters and your colleagues.

#### Includes

- One day workshop with presentations and practical exercises
- Participants are awarded the right to call themselves "Certified TARMAC Consultant" and use the corresponding logo
- TARMAC Enterprise Server for Mac/Win NFR-license incl. 5 user licenses (1 year) for demo purposes (max. one NFR per participant/company)
- Business Lunch with refreshments and participants certificate

### Workshop for end users

This one-day workshop is for system-, network-, security- and mobility-administrators. Discover how a TARMAC Business or Enterprise server can be successfully configured, installed and run within your enterprise. Our experts will cover all aspects of iOS integration and share practical tips for everyday Mobile Device Management with TARMAC. Find out how to deploy Briefing Center app successfully within your enterprise.

#### Includes

- One day workshop with presentations and practical exercises
- Participants are awarded the right to call themselves "Certified TARMAC Administrator" and use the corresponding logo
- Business Lunch with refreshments and participants certificate

## Service & Support

TARMAC service and support can be added to every server purchase or added later. Service is provided directly by the manufacturer TOWER ONE. Depending on the level of supported required, support may be provided by phone, email, remote administration etc.

### Technical Consulting & Development

We can help you evaluate the product (pre sales) and support you after purchasing a TARMAC system.

#### Service units

- 1 hour (60 min)
- 1 day (8 hours)

### Premium Third Level Developer Support

Software support contract directly with the developer. A support budget of up to 10h is included (non-transferable) and covers:

- Installation of OS and software updates
- Installation and configuration of individual modules
- Phone and on-site support
- Availability: Weekdays monday through friday, 9 a.m - 6 p.m. CET.
- Max. response time 24h on weekdays
- 2 dedicated contacts
- Not included: customizations required by customer infrastructure

#### Service units:

- 1 month
- 1 year

### SDK, API & Integration Support

Clear up questions regarding TARMAC SDK integration directly with our development team. The TOWER ONE team includes many years of iOS app development experience and can help take your apps to the next level.

#### Service units:

- 1 hour (60 min)
- 1 day (8 hours)



# 5 Hardware

tizi products from equinix are smart and mobile gadgets for iOS devices. With the purchase of a TARMAC server you are allowed to purchase tizi gadgets in large quantities at special prices.

## tizi Tankstation 4x MEGA (Toploader)

The tizi Tankstation 4x MEGA has 4 fast USB charging ports which can be integrated into desks and other furniture as a Toploader. Put an end to the disarray, and equip your furniture with 4 dynamic, convenient USB ports

## tizi Tankstation 5x MEGA

The high quality tizi Tankstation 5x Mega charges five USB devices simultaneously with optimal power. It doesn't matter which "pump" you choose: The Auto Max Power-Technology dynamically determines what level of power is needed for each USB port. (up to 2.4A).

## tizi Flachmann

The tizi Flachmann mobile battery is seriously flat and fits perfectly into every pocket. The tizi Flachmann has a stylish black design. The ultra compact tizi Flachmann has 4000 mAh and can recharge smartphones up to 2x. Micro USB charging cable included in delivery.

## tizi Turbolader

Want to completely charge your iPhone on the way to work but don't think it's possible? Sure it is! The tizi Turbolader charges 3x faster than the standard, integrated USB ports in your car. Charge up to five USB devices in your car.

Learn more about the tizi products on [tizi.tv](http://tizi.tv)

# Terms and Conditions

Product Catalog for the price list 2015 (1.10.2013)

Tower One GmbH terms and conditions apply.

Subject to change without notice.

## We are here to help

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