**OGene APK 軟體包“OGene”安卓手機公測安裝與許可權設置指南**
**OGene APK Package – 'OGene' Android Public Beta Installation and Permission Setup Guide**

## 一、OGene 公測版本背景說明

本次公測版本為功能驗證階段，需通過非官方管道（如微信、郵件或連結等）分發 OGene APK 軟體包檔。 由於尚未正式通過應用商店安全審核，手機系統可能提示「風險/病毒軟體」或限制部分許可權，這屬於正常現象。公測版本的核心目的包括：

1. 功能驗證：測試文字/圖片/檔案傳輸、語音通話等基礎功能穩定性
2. 許可權適配：測試不同安卓版本的許可權相容性
3. 性能測試：收集多機型運行數據以優化資源佔用等問題
4. 收集反饋：收集不同使用者對測試使用中遇到的問題及改良建議

## I. Explanation of the Public Beta Version Background of OGene

This public beta version is in the functional verification stage. The OGene APK software package needs to be distributed through non-official channels (such as WeChat, email, or links, etc.). As it has not yet formally passed the security review of the application store, the mobile phone system may prompt "risk/virus software" or restrict some permissions. This is a normal phenomenon. The core purposes of the public beta version include:

1. Functional Verification: Testing the stability of basic functions such as text/image/file transmission and voice calls.
2. Permission Adaptation: Testing the compatibility of permissions on different Android versions.
3. Performance Testing: Collecting data from multiple device models to optimize resource usage and other issues.
4. Feedback Collection: Gathering different users' feedback on problems encountered during the testing use and suggestions for improvement.

## 二、安裝前準備

1. 開啟未知來源安裝許可權

通用路徑： 設定→安全/隱私→更多安全設置→安裝未知應用→選擇瀏覽器或檔管理員或 WPS 軟體等→開啟「允許從此來源安裝」開關。

## II. Preparations before Installation

1. Enable Installation Permissions for Unknown Sources

Common Path: Settings → Security/Privacy → More Security Settings → Install Unknown Apps → Select Browser or File Manager or WPS Office etc. → Turn on the "Allow from this source" switch.

主流品牌路徑：
華為：設置 > 安全和隱私 > 外部來源應用下載
小米：設置 > 隱私保護 > 特殊許可權設置 > 安裝未知應用
OPPO：設置 > 密碼與安全 > 系統安全 > 外部來源應用
三星：設置 > 生物識別和安全性 > 安裝未知應用
（該設置具體根據您選擇想打開該軟體的方式，一般不用提前設置，可根據實際安裝提示選擇開啟即可）

Mainstream Brand Paths:

Huawei: Settings > Security and Privacy > External Source App Downloads
Xiaomi: Settings > Privacy Protection > Special Permissions > Install Unknown Apps
OPPO: Settings > Password & Security > System Security > External Source Apps
Samsung: Settings > Biometrics and Security > Install Unknown Apps
(These settings depend on the method you choose to open the software. Generally, there is no need to preset them. You can enable the permission according to the actual installation prompts.)

2. 關閉病毒掃描提示
部分手機（如華為）在安裝時會觸發「惡意應用檢測」，可在安裝介面點擊「繼續安裝」或「仍然安裝」跳過提示。
2. Disable Virus Scan Alerts
Some phones (such as Huawei) may trigger a "Malicious App Detection" during installation. In the installation interface, you can click "Continue Install" or "Install Anyway" to skip the alert.

**三、OGene APK 軟體包檔安裝流程**
下載 OGene APK 檔
1. 通過微信/郵件/連結等接收內測安裝包，點擊下載鏈接后選擇「保存到本地」。 建議使用手機默認瀏覽器下載，避免第三方瀏覽器遭攔截。
2. 定位 OGene APK 檔
打開檔管理員→內部存儲→Download 資料夾，找到剛才下載的以“.apk”結尾的安裝包
3. 執行安裝操作
4. 點擊 OGene APK 檔，系統彈出安裝介面，點擊安裝 > 允許本次安裝 > 繼續安裝 > 完成。
5. 風險提示處理：
6. 若安裝時提示「風險應用」，點擊「繼續安裝」即可。 此提示是系統對非官方應用的常規警告，不影響使用。
7. 首次啟動時若提示「檢測到惡意行為」，可選擇「信任此應用」或「不再提示」。
8. 若提示「解析錯誤」：請重新下載安裝包並重試。

**III. OGene APK Software Package Installation Process**
Download the OGene APK File:
1. Receive the Internal Test Installation Package: Obtain the installation package via WeChat/Email/Link, etc. Click the download link and select "Save to Local". It is recommended to use the default browser of the phone for downloading to avoid interception by third-party browsers.
2. Locate the OGene APK File: Open the file manager → Internal storage → Download folder, find the downloaded installation package ending with ".apk".
3. Execute the Installation Operation
4. Tap on the OGene APK file, the system will pop up an installation interface, click "Install" > "Allow this installation" > "Continue Installing" > "Complete".
5. Risk Alert Handling
6. If a "High-risk application" warning appears during installation, click "Continue Installing". This alert is a standard warning from the system for non-official applications and does not affect

usage.
7. First Launch Risk Prompt: If prompted with "Malicious behavior detected" upon first launch, you can choose "Trust this app" or "Don't show again".
8. Parse Error: If a "Parse error" is prompted, please redownload the installation package and try again.

**四、核心許可權設置指南**
安裝完成後大概率需手動開啟以下許可權以保障功能正常使用;
**IV. Core Permission Settings Guide**
After installation, it is highly likely that you will need to manually enable the following permissions to ensure the normal use of functions;

**1.基礎功能許可權**
存儲許可權：允許 APP 讀寫手機存儲，用於檔傳輸、圖片發送等。
路徑：設置→應用→選擇 APP→許可權→存儲→開啟
麥克風許可權：支持語音消息和語音通話功能。
路徑：設置→應用→許可權→麥克風→開啟
相機許可權：允許拍攝照片/視頻發送。
路徑：設置→應用→許可權→相機/攝像頭→開啟。
（其他基礎許可權如位置、電話、資訊等是否開啟並不影響該軟體使用）
**1. Basic Function Permissions**
Storage Permission: Allow the app to read and write to phone storage for file transfer, image sending, etc.
Path: Settings → Apps → Select APP → Permissions → Storage → Enable
Microphone Permission: Supports voice messaging and voice calling functions.
Path: Settings → Apps → Permissions → Microphone → Enable
Camera Permission: Allows taking photos/videos for sending.
Path: Settings → Apps → Permissions → Camera/Camera → Enable
(Other basic permissions such as location, phone, messages, etc., do not affect the use of this software if not enabled)

**2．高級功能許可權**
通知許可權：接收新消息提醒和橫幅推送通知。
路徑：設置→通知/狀態列→選擇 APP→開啟「允許通知」及「橫幅通知」
後台活動許可權：忽略電池優化，確保 APP 在後台運行穩定性，及時接收即時通訊消息。
路徑：設置→電池→電池優化→選擇 APP→設置為「不優化」不同品牌設定路徑：
vivo：設置→電池→後台高耗電→開啟 APP 開關
小米：設置→省電與電池→應用智慧省電→選擇 APP→無限制
華為：設置→應用→應用啟動管理→關閉自動管理→全部開啟「允許後台活動」
自啟動許可權：防止系統清理後台進程。
路徑：設置→應用→許可權→自啟動管理→開啟或設置→電池→選擇 APP→啟動管理→手動管理全部全部開啟
（關於自啟動管理許可權是否開啟自動或手動，不同手機系統顯示不一致，設置目的要為了允許軟體自啟動和後台活動）

**2. Advanced Function Permissions**

Notification Permission: Receive new message alerts and banner push notifications.

Path: Settings → Notifications/Status Bar → Select APP → Enable "Allow Notifications" and "Banner Notifications"

Background Activity Permission: Ignore battery optimization to ensure the app runs stably in the background and receives instant messaging messages promptly.

Path: Settings → Battery → Battery Optimization → Select APP → Set to "Do Not Optimize"

Different brands have different settings paths:

Vivo: Settings → Battery → High Power Consumption in Background → Enable APP Switch

Xiaomi: Settings → Power Saving & Battery → App Smart Power Saving → Select APP → No Restrictions

Huawei: Settings → Apps → App Startup Management → Turn Off Auto Management → Enable All "Allow Background Activities"

Auto-Start Permission: Prevent the system from cleaning up the app's background processes.

Path: Settings → Apps → Permissions → Auto-Start Management → Enable or Set → Battery → Select APP → Startup Management → Manually Manage All

(The display of auto-start management permissions varies across different phone systems. The purpose of the setting is to allow the software to auto-start and run activities in the background)

**3.特殊權限（部分機型）**

忽略電池優化：保障後台穩定性。

路徑：設置→電池→電池優化→選擇 APP→設置為「不優化」

安全中心設置： 將 APP 添加到安全軟體白名單，避免被誤殺。

路徑：手機管家→病毒掃描→隔離區→添加信任應用或關閉風險標識

**3. Special Permissions (For Some Device Models)**

Ignore Battery Optimization: Ensure background stability.

Path: Settings → Battery → Battery Optimization → Select APP → Set to "Do Not Optimize"

Security Center Settings: Add the app to the security software's whitelist to avoid being mistakenly terminated.

Path: Phone Manager → Virus Scan → Quarantine → Add Trusted App or Turn Off Risk Identification

**五、常見問題及解決**

1.安裝失敗

提示「空間不足」：清理緩存或卸載不常用應用釋放空間。

提示「解析錯誤」：重新下載 OGene APK 檔，確保網路穩定。

提示「許可權不足」：檢查「未知來源」許可權是否開啟。

**V. Frequently Asked Questions (FAQ) and Solutions**

1. Installation Failure

"Insufficient Space" Alert: Clear cache or uninstall unused apps to free up space.

"Parse Error" Alert: Redownload the OGene APK file, ensuring a stable network connection.

"Permission Denied" Alert**: Check if "Unknown Sources" permission is enabled.

2.功能異常
無法發送檔：檢查存儲許可權是否開啟。
語音通話中斷：調整後台活動許可權並加入電池優化白名單。
消息延遲接收：確保通知許可權開啟，並允許後台運行。
消息同步異常：留意軟體介面提示如“網络似乎有點不給力哟”，表示當前連接雲端伺服器網路阻塞，可稍後再試或關閉軟體重進。
2. Function Issues
Unable to Send Files: Check if storage permission is enabled.
Voice Call Dropped: Adjust background activity permission and add the app to the battery optimization whitelist.
Message Delay: Ensure notification permission is enabled and allow the app to run in the background.
Message Sync Issues: Pay attention to software interface prompts such as "The network seems a bit unstable," indicating current connectivity issues with the cloud server. You can try again later or restart the app.

3.系統攔截
若頻繁被安全軟體攔截，可在設置中關閉「應用安裝檢測」。
3. System Interception
If the app is frequently intercepted by security software, you can disable "Application Installation Detection" in the settings.

**六、問題反饋**
內測期間若遇到異常，可通過 OGene APK 內：「設置」→「關於 OGene」→「説明與反饋」功能提交截圖和描述，或發送郵件至內測專用郵箱（格式：機型+系統版本+問題描述）。
**VI. Issue Feedback**
During the internal testing period, if you encounter any abnormalities, you can submit screenshots and descriptions through the "Settings" → "About OGene" → "Help & Feedback" function within the OGene APK, or send an email to the dedicated internal testing mailbox (format: Device Model + System Version + Issue Description).

**七、安全聲明**
1. 本內測版本已通過代碼安全審計，無惡意代碼或隱私泄露風險。
2. 建議在測試完成後卸載內測版本，正式版發佈后將通過應用商店提供下載。
**VII. Security Statement**
1. This internal testing version has passed code security auditing and poses no risk of malicious code or privacy leaks.
2. It is recommended to uninstall the internal testing version after completing the test. The official version will be provided through the app store upon release.