HK Parliament Mobile Voting Flow Chart (updated Mar 2024)

Voters use their smartphones (Android/IOS) to scan the QR code on HKP webpage

Voters download voting software package through VPN and/ or public WiFi from app store (Android/IOS) or HKP webpage (Android only) to their smartphones

Voters switch on flight mode on their smartphones

Voting software scans the MRZ at the bottom of voter's passport information page

Voting software reads RFID chip inside the passport front/ back cover using the smartphone's NFC function

HKSAR / BNO / Other passports showing:

- Holders aged at least 16; and
- Born in Hong Kong

Other passports showing:

- Holders aged at least 16; and
- Not born in Hong Kong

Voting software confirms voter's eligibility.

An anonymous ID will be generated using voters sex, passport expirary date, and check digits;

Voter will be asked to create a personal password that is used to check their ballots later

Voting software removes the following personal data from the smartphones:

- Scanned image of ID documents
- Texts extracted from ID documents
- Any other relevant records

Voters cast and confirm their votes

Voters switch off flight mode and reconnect smartphones to Internet (VPN and/or public WiFi)

Ballot info (anonymous ID + responses + personal password) send to election server via secured connection

Voters visit to election webpage for alternative verification and voting methods (details to be announced)

香港議會手機投票流程 (2024年3月更新)

選民用手機(安卓/IOS 系統) 掃描 香港議會網頁上的二維碼

選民於app stores (安卓/IOS)或香港議會網頁 (只限安卓)下載投票軟件套件到手機

選民於手機開啟飛行模式

投票軟件掃描選民護照資料頁底部MRZ碼

投票軟件以手機 NFC 功能讀取選民護照 封面/背頁內之 RFID 晶片

香港特區 / BNO / 其他護照 資料確認選民:

- 年齡為16歲或以上; 及
- 生於香港

其他護照資料確認選民:

- 年齡為16歲或以上: 及
- 非生於香港

投票軟件確認選民資格 , 並以選民性別 護照有效期及校驗位產生一組匿名識別碼

選民需輸入一組個人密碼作日後查驗其個 人選票之用 選民轉至香港議會網頁以 其他方式進行驗證和投票 (詳情稍後公布)

投票軟件於手機上删除以下選民個人資料:

- 選民身份證明文件掃描圖像
- 所有從選民身份證明文件中讀取的文字
- 仟何投票軟件相關記錄

選民進行投票及確認選票

選民關閉手機飛行模式, 重新連接互聯網

選票資料(匿名識別碼+投票選項+個人密碼) 經加密通道傳送至選舉伺服器