

ASP.NET CA4K RESTful API Help Page

Introduction

CA4K API is a framework that makes it easy to build HTTP services that reach a broad range of clients, including browsers and mobile devices. This API was built as a wrapper WebAPI form .NET CardAccess.API and returns JSON data.

Events

API	Description
GET Events/Events?startdate={startdate}&enddate={enddate} (/Help/Api/GET-Events-Events_startdate_enddate)	Get list of events for a period of datetime range
GET Events/BadgeEvents?startdate={startdate}&enddate={enddate}&badge={badge} (/Help/Api/GET-Events-BadgeEvents_startdate_enddate_badge)	Get list of a badge events for a period of datetime range
GET Events/PendingEvents (/Help/Api/GET-Events-PendingEvents)	Get list of pending events
GET Events/AlertSubscriberStatus (/Help/Api/GET-Events-AlertSubscriberStatus)	Get Alert subscriber status
POST Events/PostEvent?Cat={Cat}&Class={Class}&Description={Description}&Name={Name}&Pending={Pending}&Priority={Priority}&RespReq={RespReq} (/Help/Api/POST-Events-PostEvent_Cat_Class_Description_Name_Pending_Priority_RespReq)	Post an event to be displayed in CA4K
POST Events/PostEvent?Cat={Cat}&Class={Class}&Description={Description}&Name={Name}&PanelNo={PanelNo}&DeviceNo={DeviceNo}&Badge={Badge}&Facility={Facility}&Status={Status}&Pending={Pending}&Priority={Priority}&RespReq={RespReq}&ObjectId={ObjectId} (/Help/Api/POST-Events-PostEvent_Cat_Class_Description_Name_PanelNo_DeviceNo_Badge_Facility_Status_Pending_Priority_RespReq_ObjectId)	Post event information
GET Events/EventClassDefinations (/Help/Api/GET-Events-EventClassDefinations)	Get list events class defination from EventClassdef

Privileges

API	Description
GET Privileges/AllScreens (/Help/Api/GET-Privileges-AllScreens)	Get list of screens
GET Privileges/AllPrivilegesByRoleId?roleId={roleId} (/Help/Api/GET-Privileges-AllPrivilegesByRoleId_roleId)	Get list of screen privileges by role Id

Badges

API
GET Badges/AllBadgeHolders?partitionId={partitionId} (/Help/Api/GET-Badges-AllBadgeHolders_partitionId)
GET Badges/BadgeInfo?Badge={Badge}&Facility={Facility} (/Help/Api/GET-Badges-BadgeInfo_Badge_Facility)
GET Badges/BadgeInfoByField?SearchField={SearchField}&SearchValue={SearchValue} (/Help/Api/GET-Badges-BadgeInfoByField_SearchField_SearchValue)
GET Badges/OrgCategory (/Help/Api/GET-Badges-OrgCategory)
GET Badges/PersOrg (/Help/Api/GET-Badges-PersOrg)

API

GET Badges/AllBadgesByPersonName?FirstName={FirstName}&LastName={LastName}&MiddleName={MiddleName} (/Help/Api/GET-Badges-AllBadgesByPersonName_FirstName_MiddleName_LastName)

GET Badges/BadgeExists?Badge={Badge}&Facility={Facility}&PIVId={PIVId} (/Help/Api/GET-Badges-BadgeExists_Badge_Facility_PIVId)

POST Badges/AddBadge (/Help/Api/POST-Badges-AddBadge)

POST Badges/UpdateBadge (/Help/Api/POST-Badges-UpdateBadge)

POST Badges/BadgeOperation?Facility={Facility}&Badge={Badge}&FirstName={FirstName}&LastName={LastName}&MI={MI}&AGNo1={AGNo1}&AGNo2={AGNo2}&AGNo3={AGNo3}&AGNo4={AGNo4}&AGNo5={AGNo5}&AGNo6={AGNo6}&AGNo7={AGNo7}&AGNo8={AGNo8}&AGNo9={AGNo9}&AGNo10={AGNo10}&AGNo11={AGNo11}&AGNo12={AGNo12}&AGNo13={AGNo13}&AGNo14={AGNo14}&AGNo15={AGNo15}&AGNo16={AGNo16}&Operation={Operation} (/Help/Api/POST-Badges-BadgeOperation_Facility_Badge_FirstName_LastName_MI_AGNos0_AGNos1_AGNos2_AGNos3_AGNos4_AGNos5_AGNos6_AGNos7_AGNos8_AGNos9_AGNos10_AGNos11_AGNos12_AGNos13_AGNos14_AGNos15_AGNos16_Operation)

POST Badges/BadgeOperation?Facility={Facility}&Badge={Badge}&FirstName={FirstName}&LastName={LastName}&MI={MI}&AGNos[0]={AGNos[0]}&AGNos[1]={AGNos[1]}&Operation={Operation}&PersonId={PersonId}&PIN={PIN} (/Help/Api/POST-Badges-BadgeOperation_Facility_Badge_FirstName_LastName_MI_AGNos[0]_AGNos[1]_Operation_PersonId_PIN)

POST Badges/BadgeOperation?Facility={Facility}&Badge={Badge}&NewFacility={NewFacility}&NewBadge={NewBadge}&FirstName={FirstName}&LastName={LastName}&MI={MI}&AGNos[1]={AGNos[1]}&Operation={Operation}&PersonId={PersonId}&PIN={PIN} (/Help/Api/POST-Badges-BadgeOperation_Facility_Badge_NewFacility_NewBadge_FirstName_LastName_MI_AGNos[1]_Operation_PersonId_PIN)

POST Badges/PivBadgeOperation?Badge={Badge}&FirstName={FirstName}&LastName={LastName}&MI={MI}&agencyCode={agencyCode}&orgCategory={orgCategory}&orgSiteNo={siteNo}&issue={issue}&series={series}&persPIVId={persPIVId}&orgId={orgId}&AGNos[0]={AGNos[0]}&AGNos[1]={AGNos[1]}&Operation={Operation}&PersonId={PersonId} (/Help/Api/POST-Badges-PivBadgeOperation_Badge_FirstName_LastName_MI_agencyCode_orgCategory_orgAssoc_siteNo_issue_series_persPIVId_orgId_AGNos[0]_AGNos[1]_Operation_PersonId)

POST Badges/PivBadgeOperation?pivData={pivData}&FirstName={FirstName}&LastName={LastName}&MI={MI}&AGNos[0]={AGNos[0]}&AGNos[1]={AGNos[1]}&Operation={Operation} (/Help/Api/POST-Badges-PivBadgeOperation_pivData_FirstName_LastName_MI_AGNos[0]_AGNos[1]_Operation)

POST Badges/UpdateBadgePhoto?Facility={Facility}&Badge={Badge} (/Help/Api/POST-Badges-UpdateBadgePhoto_Facility_Badge)

POST Badges/UpdateBadgePhoto2?Facility={Facility}&Badge={Badge} (/Help/Api/POST-Badges-UpdateBadgePhoto2_Facility_Badge)

POST Badges/UpdateBadgeParams?Facility={Facility}&Badge={Badge}&actDate={actDate}&deactDate={deactDate}&enable={enable}&pin={pin}&track={track}&escort={escort}&useCount={useCount} (/Help/Api/POST-Badges-UpdateBadgeParams_Facility_Badge_actDate_deactDate_enable_pin_track_escort_useCount)

GET Badges/BadgePhoto?facilityNo={facilityNo}&badgeNo={badgeNo} (/Help/Api/GET-Badges-BadgePhoto_facilityNo_badgeNo)

GET Badges/BadgeInfoBycaObjectId?caObjectId={caObjectId} (/Help/Api/GET-Badges-BadgeInfoBycaObjectId_caObjectId)

Access

AccessController

API

Description

GET Access/AccessReaderByBadge?Badge={Badge}&Facility={Facility} (/Help/Api/GET-Access-AccessReaderByBadge_Badge_Facility)

Get list of access Reader by badge

GET Access/AccessGroups (/Help/Api/GET-Access-AccessGroups)

Get list of access groups

GET Access/AccessGroupsForAgSchedule (/Help/Api/GET-Access-AccessGroupsForAgSchedule)

Get list of access groups for Ag schedule

GET Access/AccessGroupTimeSchedule?AccessGrpNo={AccessGrpNo}&PnlRef={PnlRef} (/Help/Api/GET-Access-AccessGroupTimeSchedule_AccessGrpNo_PnlRef)

Get list of access group time schedule

GET Access/AccessGroupForBadge?badge={badge}&fac={fac} (/Help/Api/GET-Access-AccessGroupForBadge_badge_fac)

Get list of access group for badge

API	Description
POST Access/AccessGroupOperation?AccessGroupName={AccessGroupName}&AccessGroupNo={AccessGroupNo}&Operation={Operation} (/Help/Api/POST-Access-AccessGroupOperation_AccessGroupName_AccessGroupNo_Operation)	Get list of access group operation
POST Access/UpdateBadgeAccessGroup?Facility={Facility}&Badge={Badge}&AGNos[0]={AGNos[0]}&AGNos[1]={AGNos[1]} (/Help/Api/POST-Access-UpdateBadgeAccessGroup_Facility_Badge_AGNos[0]_AGNos[1])	Update badge access group
POST Access/UpdateBadgeAccessGroup?Facility={Facility}&Badge={Badge}&AGSeqNo={AGSeqNo}&AGNo={AGNo}&agActTime={agActTime}&agDeactTime={agDeactTime} (/Help/Api/POST-Access-UpdateBadgeAccessGroup_Facility_Badge_AGSeqNo_AGNo_agActTime_agDeactTime)	Update badge access group with act and deact date
GET Access/IsTimeAllowed?pnlNo={pnlNo}&rdrNo={rdrNo}&badge={badge}&fac={fac} (/Help/Api/GET-Access-IsTimeAllowed_pnlNo_rdrNo_badge_fac)	Check time allowed or not
GET Access/ScheduleIsValidNow?sched={sched}&pnlno={pnlno} (/Help/Api/GET-Access-ScheduleIsValidNow_sched_pnlno)	This function not in used.

DVR

DVRController

API

GET DVR/DVRServer (/Help/Api/GET-DVR-DVRServer)	
GET DVR/DVRCamera?DVRServerID={DVRServerID} (/Help/Api/GET-DVR-DVRCamera_DVRServerID)	
GET DVR/DVRServerType (/Help/Api/GET-DVR-DVRServerType)	
POST DVR/DVRServerOperation?pDVRServerType={pDVRServerType}&pDVRServerIP={pDVRServerIP}&plsEnabled={plsEnabled}&pDVRServerName={pDVRServerName}&pDVRServerID={pDVRServerID}&pDVRServerTimeZone={pDVRServerTimeZone}&pDVRUserName={pDVRUserName}&pPassword={pPassword}&pNotification={pNotification}&pOperation={pOperation} (/Help/Api/POST-DVR-DVRServerOperation_pDVRServerType_pDVRServerIP_plsEnabled_pDVRServerName_pDVRServerID_pDVRServerTimeZone_pDVRUserName_pPassword_pNotification_pOperati	

ThreatLevel

ThreatLevelController

API	Description
GET ThreatLevel/ThreatLevelCategories (/Help/Api/GET-ThreatLevel-ThreatLevelCategories)	Get list of threat level categories
GET ThreatLevel/ThreatLevels (/Help/Api/GET-ThreatLevel-ThreatLevels)	Get list of threat levels
GET ThreatLevel/ActiveThreatLevels (/Help/Api/GET-ThreatLevel-ActiveThreatLevels)	Get list of active threat levels
POST ThreatLevel/ThreatLevelAreaOperation?ThreatLevelName={ThreatLevelName}&ThreatLevelNo={ThreatLevelNo}&LockdownAreaNo={LockdownAreaNo}&DenyAccess={DenyAccess}&CategoryNumber={CategoryNumber}&CategoryName={CategoryName}&CategoryAssign={CategoryAssign}&Operation={Operation} (/Help/Api/POST-ThreatLevel-ThreatLevelAreaOperation_ThreatLevelName_ThreatLevelNo_LockdownAreaNo_DenyAccess_CategoryNumber_CategoryName_CategoryAssign_Operation)	Post threat level area operation
POST ThreatLevel/ThreatLevelActivate?LevelNo={LevelNo}&Activate={Activate} (/Help/Api/POST-ThreatLevel-ThreatLevelActivate_LevelNo_Activate)	Post threat level activate

APB

APBController

API

GET APB/APBAreas (/Help/Api/GET-APB-APBAreas)

GET APB/APBAreasLookup (/Help/Api/GET-APB-APBAreasLookup)

GET APB/StdAPBType (/Help/Api/GET-APB-StdAPBType)

POST APB/APBAreasOperation?APBAreaName={APBAreaName}&APBAreaNo={APBAreaNo}&AlertOnFirstLastCount={AlertOnFirstLastCount}&UseFirstIn={UseFirstIn}&IsFreeAccessLockdown={IsFreeAccessLockdown}&LinkVacant={LinkVacant}&LinkOccupied={LinkOccupied}&AreaCountUp={AreaCountUp}&LinkOnCountUp={LinkOnCountUp}&AreaCountDown={AreaCountDown}&LinkOnCountDown={LinkOnCountDown}&Operation={Operation} (/Help/Api/POST-APB-APBAreasOperation_APBAreaName_APBAreaNo_AlertOnFirstLastCount_UseFirstIn_IsFreeAccessLockdown_LinkVacant_LinkOccupied_AreaCountUp_LinkOnCountUp_AreaCountDown_LinkOnCountDown_Operation) (/Help/Api/POST-APB-APBAreasOperation_APBAreaName_APBAreaNo_AlertOnFirstLastCount_UseFirstIn_IsFreeAccessLockdown_LinkVacant_LinkOccupied_AreaCountUp_LinkOnCountUp_AreaCountDown_LinkOnCountDown_Operation)

POST APB/ResetBadgeAPBStatus?Badge={Badge}&Facility={Facility}&APBResetType={APBResetType}&APBResetArea={APBResetArea} (/Help/Api/POST-APB-ResetBadgeAPBStatus_Badge_Facility_APBResetType_APBResetArea)

POST APB/ResetBadgeAPBStatus?Badge={Badge}&Facility={Facility}&APBResetType={APBResetType} (/Help/Api/POST-APB-ResetBadgeAPBStatus_Badge_Facility_APBResetType)

POST APB/ResetGlobalAPBStatus?apbResetArea={apbResetArea}&schduletime={schduletime} (/Help/Api/POST-APB-ResetGlobalAPBStatus_apbResetArea_schduletime)

POST APB/ResetGlobalAPBStatus?resetAPBArea={resetAPBArea} (/Help/Api/POST-APB-ResetGlobalAPBStatus_resetAPBArea)

GET APB/BadgeAPBTInStatus?Badge={Badge}&Facility={Facility}&PanelNo={PanelNo}&ReaderNo={ReaderNo}&ReaderABPType={ReaderABPType}&APBOvr={APBOvr} (/Help/BadgeAPBTInStatus_Badge_Facility_PanelNo_ReaderNo_ReaderABPType_APBOvr)

Com

ComController

API	Description
GET Com/ComServer (/Help/Api/GET-Com-ComServer)	Get list of com server
GET Com/ComPort (/Help/Api/GET-Com-ComPort)	Get list of com port
GET Com/ComUTCZone (/Help/Api/GET-Com-ComUTCZone)	Get list of com UTC zone
GET Com/ComBAUD (/Help/Api/GET-Com-ComBAUD)	Get list of com BAUD
GET Com/ComTypeList (/Help/Api/GET-Com-ComTypeList)	Get list of com type
GET Com/ComServerOperaton?pDescription={pDescription}&pUNCName={pUNCName}&pHCSNo={pHCSNo}&pOperation={pOperation} (/Help/Api/GET-Com-ComServerOperaton_pDescription_pUNCName_pHCSNo_pOperation)	Get list of com server operaton
GET Com/ComChannelOperation?pHCSNo={pHCSNo}&pComport={pComport}&pComType={pComType}&pBAUDRate={pBAUDRate}&pIPAddress={pIPAddress}&pUTCZone={pUTCZone}&pOperation={pOperation} (/Help/Api/GET-Com-ComChannelOperation_pHCSNo_pComport_pComType_pBAUDRate_pIPAddress_pUTCZone_pOperation)	Get com channel operation
GET Com/APIPanelDevicePair (/Help/Api/GET-Com-APIPanelDevicePair)	Get Api panel device pair

Device

DeviceController

API	Description
GET Device/DeviceStatus?type={type} (/Help/Api/GET-Device-DeviceStatus_type)	Get list of device status

API	Description
GET Device/DevicesByDeviceType?PnlNo={PnlNo}&DeviceType={DeviceType} (/Help/Api/GET-Device-DevicesByDeviceType_PnlNo_DeviceType)	Get list of devices by device type
GET Device/Priority (/Help/Api/GET-Device-Priority)	Get list of priorities
GET Device/FieldsByDeviceType?DeviceType={DeviceType} (/Help/Api/GET-Device-FieldsByDeviceType_DeviceType)	Get list of fields by device type
GET Device/Devices?DeviceType={DeviceType} (/Help/Api/GET-Device-Devices_DeviceType)	Get list of devices by device type
GET Device/ManualPrivilege (/Help/Api/GET-Device-ManualPrivilege)	Get list of manual privileges

Holiday

HolidayController

API	Description
POST Holidays/HolidaysOperation?HolidayName={HolidayName}&HolidayCalendarNo={HolidayCalendarNo}&Operation={Operation} (/Help/Api/POST-Holidays-HolidaysOperation_HolidayName_HolidayCalendarNo_Operation)	Post holidays operation
GET Holidays/Holidays (/Help/Api/GET-Holidays-Holidays)	Get list of holidays
GET Holidays/HolidayTimeBlockIndex?HolidayCalendarNo={HolidayCalendarNo} (/Help/Api/GET-Holidays-HolidayTimeBlockIndex_HolidayCalendarNo)	Get list of holiday time block index

WirelessLock

WirelessLockController

API	Description
GET WirelessLock/GatewaysStatus (/Help/Api/GET-WirelessLock-GatewaysStatus)	Get list of gateways status
GET WirelessLock/LocksStatus (/Help/Api/GET-WirelessLock-LocksStatus)	Get list of locks status
POST WirelessLock/GatewayOperation?pHostIPAddress={pHostIPAddress}&pComServer={pComServer}&pComPort={pComPort}&pGatewayPassword={pGatewayPassword}&pMACAddress={pMACAddress}&pTimeZone={pTimeZone}&pOperation={pOperation} (/Help/Api/POST-WirelessLock-GatewayOperation_pHostIPAddress_pComServer_pComPort_pGatewayPassword_pMACAddress_pTimeZone_pOperation)	Post gateway operation
POST WirelessLock/WirelessLockOperation?pHCSNo={pHCSNo}&pComport={pComport}&pLockID={pLockID}&pLockSearchNo={pLockSearchNo}&pOperation={pOperation}&pReplaceWithLockID={pReplaceWithLockID} (/Help/Api/POST-WirelessLock-WirelessLockOperation_pHCSNo_pComport_pLockID_pLockSearchNo_pOperation_pReplaceWithLockID)	Post wireless lock operation

Status

StatusController

API	Description
GET Status/Stations (/Help/Api/GET-Status-Stations)	Get list of stations
GET Status/Servers (/Help/Api/GET-Status-Servers)	Get list of servers
GET Status/Workstations (/Help/Api/GET-Status-Workstations)	Get list of workstations
GET Status/GetStatusDefinition (/Help/Api/GET-Status-GetStatusDefinition)	Get statu definition
GET Status/GetStatus?type={type} (/Help/Api/GET-Status-GetStatus_type)	Get status

ShuntGroups

ShuntGroupsController

API	Description
GET ShuntGroups/ShuntGroups (/Help/Api/GET-ShuntGroups-ShuntGroups)	Get list of shunt groups
POST ShuntGroups/ShuntGroupsConfiguration?PrevShuntGroupNo={PrevShuntGroupNo}&PrevShuntGroupld={PrevShuntGroupld}&Description={Description}&Operation={Operation} (/Help/Api/POST-ShuntGroups-ShuntGroupsConfiguration_PrevShuntGroupNo_PrevShuntGroupld_Description_Operation)	Post shunt groups configuration
POST ShuntGroups/ShuntGroupOperation?shuntGroupNo={shuntGroupNo}&bActive={bActive} (/Help/Api/POST-ShuntGroups-ShuntGroupOperation_shuntGroupNo_bActive)	Post shunt group operation

Person

PersonController

API	Description
GET Personnel/AllPerson (/Help/Api/GET-Personnel-AllPerson)	Get list of all person
GET Personnel/Persons?filterOption={filterOption}&filterText={filterText} (/Help/Api/GET-Personnel-Persons_filterOption_filterText)	Get person information
GET Personnel/PersonsByPage?pageSize={pageSize}&pageIndex={pageIndex}&sortByColum={sortByColum}&sortOrder={sortOrder}&filterOption={filterOption}&filterText={filterText} (/Help/Api/GET-Personnel-PersonsByPage_pageSize_pageIndex_sortByColum_sortOrder_filterOption_filterText)	Get person by page
GET Personnel/AllBadgesByPerson?PersonId={PersonId} (/Help/Api/GET-Personnel-AllBadgesByPerson_PersonId)	Get list of badges by person
GET Personnel/PersonnelAndBadgeCount (/Help/Api/GET-Personnel-PersonnelAndBadgeCount)	Get list of personnel and badge count
GET Personnel/PersonnelsCount (/Help/Api/GET-Personnel-PersonnelsCount)	Get personnel count

Operators

OperatorsController

API	Descripti
GET Operators/AllOperatorNames (/Help/Api/GET-Operators-AllOperatorNames)	Get list o operator names
GET Operators/CurrentOperator (/Help/Api/GET-Operators-CurrentOperator)	Get curre operator
POST Operators/CurrentOperator (/Help/Api/POST-Operators-CurrentOperator)	Set curre operator
GET Operators/OperatorsList (/Help/Api/GET-Operators-OperatorsList)	Get list o operator
GET Operators/OperatorRoles (/Help/Api/GET-Operators-OperatorRoles)	Get list o operator roles
GET Operators/OperatorResponses (/Help/Api/GET-Operators-OperatorResponses)	Get list o operator response
GET Operators/EventsForInstructionLinks?DeviceType={DeviceType} (/Help/Api/GET-Operators-EventsForInstructionLinks_DeviceType)	Get list o events fc instructic links

API	Description
POST Operators/OperatorInstructionLinkOperation?PnlNo={PnlNo}&DeviceType={DeviceType}&DeviceNo={DeviceNo}&EventStatus={EventStatus}&InstructionId={InstructionId}&InstructionEnabled={InstructionEnabled}&AlertSound={AlertSound}&SoundEnabled={SoundEnabled}&SoundInterval={SoundInterval}&Operation={Operation} (/Help/Api/POST-Operators-OperatorInstructionLinkOperation_PnlNo_DeviceType_DeviceNo_EventStatus_InstructionId_InstructionEnabled_AlertSound_SoundEnabled_SoundInterval_Operation)	Post operator instruction link operation
GET Operators/OperatorInstructions (/Help/Api/GET-Operators-OperatorInstructions)	Get list of operator instructions
POST Operators/OperatorResponseOperation?Respld={Respld}&PrevResponseText={PrevResponseText}&NewResponseText={NewResponseText}&Operation={Operation} (/Help/Api/POST-Operators-OperatorResponseOperation_Respld_PrevResponseText_NewResponseText_Operation)	Post operator response operation
POST Operators/OperatorInstructionsOperation?InstructionId={InstructionId}&InstructionName={InstructionName}&InstructionMsg={InstructionMsg}&Operation={Operation} (/Help/Api/POST-Operators-OperatorInstructionsOperation_InstructionId_InstructionName_InstructionMsg_Operation)	Post operator instruction operation
POST Operators/OperatorConfiguration?pOperatorID={pOperatorID}&pOperation={pOperation} (/Help/Api/POST-Operators-OperatorConfiguration_pOperatorID_pOperation)	Post operator configuration
POST Operators/changeOperatorPassword?userName={userName}&oldPassword={oldPassword}&newPassword={newPassword}&confirmPassword={confirmPassword} (/Help/Api/POST-Operators-changeOperatorPassword_userName_oldPassword_newPassword_confirmPassword)	Post change operator password

CategoryCounter

API	Description
GET CategoryCounters/CategoryCounter?PnlRef={PnlRef}&ProgNo={ProgNo} (/Help/Api/GET-CategoryCounters-CategoryCounter_PnlRef_ProgNo)	Get list of categoryCounters for a panel and program number
GET CategoryCounters/CatControllList (/Help/Api/GET-CategoryCounters-CatControllList)	Get list of controls
GET CategoryCounters/GetCategoryCounters (/Help/Api/GET-CategoryCounters-GetCategoryCounters)	Get list of category counters
GET CategoryCounters/GetCategoryCounterDetails?pPanelNo={pPanelNo} (/Help/Api/GET-CategoryCounters-GetCategoryCounterDetails_pPanelNo)	Get list of category counter details
GET CategoryCounters/CategoryCounterOperation?pPanelNo={pPanelNo}&pOperation={pOperation} (/Help/Api/GET-CategoryCounters-CategoryCounterOperation_pPanelNo_pOperation)	Get category counter operation

CustomFields

CustomFieldsController

API	Description
POST CustomFields/UpdateBadgeCustomField?Facility={Facility}&Badge={Badge}&fieldId={fieldId}&fieldValue={fieldValue} (/Help/Api/POST-CustomFields-UpdateBadgeCustomField_Facility_Badge_fieldId_fieldValue)	Update badge custom field
GET CustomFields/UserFieldDef (/Help/Api/GET-CustomFields-UserFieldDef)	List for user field definition
GET CustomFields/UserFields?Facility={Facility}&Badge={Badge} (/Help/Api/GET-CustomFields-UserFields_Facility_Badge)	Get list of user fields

Relay

RelayController

API	Description
GET Relay/RelayList (/Help/Api/GET-Relay-RelayList)	Get list of relay
GET Relay/RelayControlList (/Help/Api/GET-Relay-RelayControlList)	Get list of relay controls
GET Relay/Relays?PanelNo={PanelNo} (/Help/Api/GET-Relay-Relays_PanelNo)	Get list of relays
POST Relay/RelayOperation?Panel={Panel}&Operation={Operation}&RelayCount={RelayCount}&Seconds={Seconds}&RequestStatusAfterManualControl={RequestStatusAfterManualControl} (/Help/Api/POST-Relay-RelayOperation_Panel_Operation_RelayCount_Seconds_RequestStatusAfterManualControl)	Post relay operation
POST Relay/RelayConfigure?pPanelNo={pPanelNo}&pRelayNo={pRelayNo}&pRelayName={pRelayName}&pEnergTime={pEnergTime}&pEnable={pEnable}&pOperation={pOperation} (/Help/Api/POST-Relay-RelayConfigure_pPanelNo_pRelayNo_pRelayName_pEnergTime_pEnable_pOperation)	Post relay configure

Scripts

ScriptsController

API	Description
GET Scripts/Scripts (/Help/Api/GET-Scripts-Scripts)	Get list of scripts
GET Scripts/SMSProvider (/Help/Api/GET-Scripts-SMSProvider)	Get list of SMS provider
POST Scripts/ExecuteScript?scriptNo={scriptNo} (/Help/Api/POST-Scripts-ExecuteScript_scriptNo)	Post execute script

Report

ReportController

API	Description
GET Reports/PersonalReport?whereClause={whereClause} (/Help/Api/GET-Reports-PersonalReport_whereClause)	Get list of personal report
GET Reports/TimeAttendanceReport?dateFrom={dateFrom}&dateTo={dateTo}&extraWhereClause={extraWhereClause}&orderingColumns={orderingColumns}&eventServer={eventServer}&eventDatabase={eventDatabase} (/Help/Api/GET-Reports-TimeAttendanceReport_dateFrom_dateTo_extraWhereClause_orderingColumns_eventServer_eventDatabase)	Get list of time attendance report
POST Reports/Events?startDate={startDate}&endDate={endDate} (/Help/Api/POST-Reports-Events_startDate_endDate)	Post events
POST Reports/BadgeA (/Help/Api/POST-Reports-BadgeA)	Post list of badge A. This function filter only takes CompanyName. Will be deprecated in near future. Please use GetBadgeB(BadgeFilter bf) instead
POST Reports/BadgeB (/Help/Api/POST-Reports-BadgeB)	Post list of badge B
GET Reports/EventClassCategoryDefs (/Help/Api/GET-Reports-EventClassCategoryDefs)	No documentation available.

NapcoPanel

NapcoPanelController

API	Description
GET NapcoPanel/NapcoStatus (/Help/Api/GET-NapcoPanel-NapcoStatus)	Get list of napco status
GET NapcoPanel/NapcoAreaList?PnlNo={PnlNo} (/Help/Api/GET-NapcoPanel-NapcoAreaList_PnlNo)	Get list of napco ar
GET NapcoPanel/NapcoPanelType (/Help/Api/GET-NapcoPanel-NapcoPanelType)	Get list of napco panel tyg

API	Description
GET NapcoPanel/NapcoPanel (/Help/Api/GET-NapcoPanel-NapcoPanel)	Get list o napco panel
GET NapcoPanel/NapcoAreaType (/Help/Api/GET-NapcoPanel-NapcoAreaType)	Get list o napco ar type
GET NapcoPanel/NapcoWorkstation (/Help/Api/GET-NapcoPanel-NapcoWorkstation)	Get list o napco workstati
POST NapcoPanel/NapcoAreaOperation?Panel={Panel}&areas={areas}&bArmDisarm={bArmDisarm} (/Help/Api/POST-NapcoPanel-NapcoAreaOperation_Panel_areas_bArmDisarm)	Post Napco Area Operatio
POST NapcoPanel/NAPCOAreaOperation?pNapcoPanelNo={pNapcoPanelNo}&pAreaNo={pAreaNo}&pAreaName={pAreaName}&plsConfigured={plsConfigured}&pAreaType={pAreaType}&pManualCtrlPriv={pManualCtrlPriv}&pUseRelayCtrl={pUseRelayCtrl}&pUseAccessCtrlPnl={pUseAccessCtrlPnl}&pPanelNo={pPanelNo}&pRelayNo={pRelayNo} (/Help/Api/POST-NapcoPanel-NAPCOAreaOperation_pNapcoPanelNo_pAreaNo_pAreaName_plsConfigured_pAreaType_pManualCtrlPriv_pUseRelayCtrl_pUseAccessCtrlPnl_pPanelNo_pRelayNo)	Post NAPCO area operatio
POST NapcoPanel/NAPCOPanelOperation?pNapcoPanelType={pNapcoPanelType}&pPanelNo={pPanelNo}&pPanelName={pPanelName}&pEnable={pEnable}&pSecurityCode={pSecurityCode}&pWorkstation={pWorkstation}&pConnType={pConnType}&pNetAddress={pNetAddress}&pOperation={pOperation} (/Help/Api/POST-NapcoPanel-NAPCOPanelOperation_pNapcoPanelType_pPanelNo_pPanelName_pEnable_pSecurityCode_pWorkstation_pConnType_pNetAddress_pOperation)	Post NAPCO panel operatio
POST NapcoPanel/NAPCOzoneOperation?pNapcoPanelNo={pNapcoPanelNo}&pZoneNo={pZoneNo}&pZoneName={pZoneName}&pAreaNo={pAreaNo}&plsConfigured={plsConfigured} (/Help/Api/POST-NapcoPanel-NAPCOzoneOperation_pNapcoPanelNo_pZoneNo_pZoneName_pAreaNo_plsConfigured)	Post NAPCO zone operatio
POST NapcoPanel/NAPCORelayOperation?pNapcoPanelNo={pNapcoPanelNo}&pRelayNo={pRelayNo}&pRelayName={pRelayName}&plsConfigured={plsConfigured} (/Help/Api/POST-NapcoPanel-NAPCORelayOperation_pNapcoPanelNo_pRelayNo_pRelayName_plsConfigured)	Post NAPCO relay operatio

Common

CommonController

API	Description
GET Common/ApiVersion (/Help/Api/GET-Common-ApiVersion)	Get the API version
GET Common/LastErrorStr (/Help/Api/GET-Common-LastErrorStr)	Get the last error
POST Common/EnabledLogs?isEnabledLog={isEnabledLog} (/Help/Api/POST-Common-EnabledLogs_isEnabledLog)	Enabled or disable log
GET Common/SetLanguage?LanguageId={LanguageId} (/Help/Api/GET-Common-SetLanguage_LanguageId)	Set language settings
GET Common/GetAvailableLanguages?LanguagesPath={LanguagesPath} (/Help/Api/GET-Common-GetAvailableLanguages_LanguagesPath)	Get list of available languages

AuditTrail

AuditTrailController

API	Description
GET AuditTrail/AuditTrail?startdate={startdate}&enddate={enddate} (/Help/Api/GET-AuditTrail-AuditTrail_startdate_enddate)	Get list of audit trail

Inlist

API	Description
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API	Description
GET Inlist/InlistAllQuery (/Help/Api/GET-Inlist-InlistAllQuery)	Get list of all in list query
GET Inlist/InlistQuery?Panel={Panel}&Reader={Reader} (/Help/Api/GET-Inlist-InlistQuery_Panel_Reader)	Get list of all in list query by ranel and reader
GET Inlist/InlistQueryByBadge?Panel={Panel}&Reader={Reader}&BadgeList[0]={BadgeList[0]}&BadgeList[1]={BadgeList[1]} (/Help/Api/GET-Inlist-InlistQueryByBadge_Panel_Reader_BadgeList[0]_BadgeList[1])	Get list of all in list query by ranel, reader and badges

ActivityLinks

ActivityLinksController

API	Description
GET ActivityLinks/ALPEnforcedReader (/Help/Api/GET-ActivityLinks-ALPEnforcedReader)	Get list of ALP enforced reader
GET ActivityLinks/ActivityLinks?PnlNo={PnlNo} (/Help/Api/GET-ActivityLinks-ActivityLinks_PnlNo)	Get list of GetActivityLinks for a panel
GET ActivityLinks/ActivityLinkEvents (/Help/Api/GET-ActivityLinks-ActivityLinkEvents)	Get list of activity link events
GET ActivityLinks/ActivityLinksForAPBArea (/Help/Api/GET-ActivityLinks-ActivityLinksForAPBArea)	Get list of activity links for APB area
POST ActivityLinks/ActivityLinkOperation?Panel={Panel}&ActivityLink={ActivityLink}&Enabled={Enabled} (/Help/Api/POST-ActivityLinks-ActivityLinkOperation_Panel_ActivityLink_Enabled)	Post activity link operation
POST ActivityLinks/ActivityLinkConfiguration?pPanelNo={pPanelNo}&pActivityLinkNo={pActivityLinkNo}&pOperation={pOperation} (/Help/Api/POST-ActivityLinks-ActivityLinkConfiguration_pPanelNo_pActivityLinkNo_pOperation)	Post activity link configuration

SystemSettings

SystemSettingsController

API	Description
GET SystemSettings/SystemSettings (/Help/Api/GET-SystemSettings-SystemSettings)	Get list of system settings

FacilityCode

API	Description
POST FacilityCodes/FacilityCodesConfiguration?PanelNo={PanelNo}&Fac1={Fac1}&Fac2={Fac2}&Fac3={Fac3}&Fac4={Fac4}&Fac5={Fac5}&Fac6={Fac6}&Fac7={Fac7}&Fac8={Fac8}&Fac9={Fac9}&Fac10={Fac10}&Operation={Operation} (/Help/Api/POST-FacilityCodes-FacilityCodesConfiguration_PanelNo_Fac1_Fac2_Fac3_Fac4_Fac5_Fac6_Fac7_Fac8_Fac9_Fac10_Operation)	Post facility codes configuration

Link

LinkController

API	Description
GET Links/LinkList (/Help/Api/GET-Links-LinkList)	Get list of links
GET Links/AvailableLinkList (/Help/Api/GET-Links-AvailableLinkList)	Get list of all available link
GET Links/Links?PnlNo={PnlNo} (/Help/Api/GET-Links-Links_PnlNo)	Get list of links by panel

API	Description
POST Links/LinkOperation?Panel={Panel}&Link={Link}&Operation={Operation} (/Help/Api/POST-Links-LinkOperation_Panel_Link_Operation)	Post link operation
POST Links/LinkConfiguration?PrivPanelProg={PrivPanelProg}&pPanelNo={pPanelNo}&pLinkNo={pLinkNo}&pOperation={pOperation} (/Help/Api/POST-Links-LinkConfiguration_PrivPanelProg_pPanelNo_pLinkNo_pOperation)	Post link configuration

Input

InputController

API	Description
GET Input/Inputs (/Help/Api/GET-Input-Inputs)	Get list of Inputs configured for the current user
GET Input/InputsLookup?id={id} (/Help/Api/GET-Input-InputsLookup_id)	Get list of inputs lookup
GET Input/InputControlList (/Help/Api/GET-Input-InputControlList)	Get list of input controls
GET Input/InputOperation?pPanelNo={pPanelNo}&pInputNo={pInputNo}&pInputName={pInputName}&pEnable={pEnable}&pOperation={pOperation} (/Help/Api/GET-Input-InputOperation_pPanelNo_pInputNo_pInputName_pEnable_pOperation)	Get input operation

Panel

PanelController

API	Description
GET Panel/Panels (/Help/Api/GET-Panel-Panels)	Get list of panels
GET Panel/Usage?type={type}¶m={param} (/Help/Api/GET-Panel-Usage_type_param)	Get list of usages
GET Panel/RequestPanelStatus?requestWirelessStatus={requestWirelessStatus} (/Help/Api/GET-Panel-RequestPanelStatus_requestWirelessStatus)	Request for a panel status
GET Panel/PanelStatus (/Help/Api/GET-Panel-PanelStatus)	Get list of panel status
GET Panel/PanelLocalTime?PnlNo={PnlNo} (/Help/Api/GET-Panel-PanelLocalTime_PnlNo)	Get panel local time by panel number
POST Panel/PanelOperation?Panel={Panel}&Enabled={Enabled} (/Help/Api/POST-Panel-PanelOperation_Panel_Enabled)	Post panel operation
POST Panel/PanelOperation?pHCSNo={pHCSNo}&pComPortNo={pComPortNo}&pPanelNo={pPanelNo}&pPanelName={pPanelName}&pPanelAddress={pPanelAddress}&pOperation={pOperation} (/Help/Api/POST-Panel-PanelOperation_pHCSNo_pComPortNo_pPanelNo_pPanelName_pPanelAddress_pOperation)	Post panel operation

Reader

ReaderController

API	Description
GET Reader/Readers (/Help/Api/GET-Reader-Readers)	Get list of readers
GET Reader/ReadersDetail?PnlNo={PnlNo}&RdrNo={RdrNo} (/Help/Api/GET-Reader-ReadersDetail_PnlNo_RdrNo)	Get readers detail
GET Reader/ReaderType (/Help/Api/GET-Reader-ReaderType)	Get the reader type
GET Reader/OTLControlType (/Help/Api/GET-Reader-OTLControlType)	Get list of OTL control type
GET Reader/LockControlType (/Help/Api/GET-Reader-LockControlType)	Get list of lock control type
GET Reader/ReaderControlList (/Help/Api/GET-Reader-ReaderControlList)	Get list of reader controls
GET Reader/TimeAttendanceType (/Help/Api/GET-Reader-TimeAttendanceType)	Get list of time attendance type

API	Description
GET Reader/TwoManReaderType (/Help/Api/GET-Reader-TwoManReaderType)	Get list of two man reader type
POST Reader/DoorOperation?Panel={Panel}&Door={Door}&Time={Time}&Operation={Operation}&RequestStatusAfterManualControl={RequestStatusAfterManualControl} (/Help/Api/POST-Reader-DoorOperation_Panel_Door_Time_Operation_RequestStatusAfterManualControl)	Post door operation
POST Reader/DoorOperationByBadge?Panel={Panel}&Door={Door}&Badge={Badge}&Facility={Facility}&Time={Time}&Operation={Operation}&PinCode={PinCode}&RequestStatusAfterManualControl={RequestStatusAfterManualControl} (/Help/Api/POST-Reader-DoorOperationByBadge_Panel_Door_Badge_Facility_Time_Operation_PinCode_RequestStatusAfterManualControl)	Post door operation by badge
POST Reader/ReaderOperation?Panel={Panel}&Reader={Reader}&Enabled={Enabled} (/Help/Api/POST-Reader-ReaderOperation_Panel_Reader_Enabled)	Post reader operation
POST Reader/ReaderConfiguration?PrevPanelNo={PrevPanelNo}&PrevReaderNo={PrevReaderNo}&PanelNo={PanelNo}&ReaderNo={ReaderNo}&pOperation={pOperation} (/Help/Api/POST-Reader-ReaderConfiguration_PrevPanelNo_PrevReaderNo_PanelNo_ReaderNo_pOperation)	Post reader configuration
GET Reader/GetReaderConfiguration?panelNo={panelNo}&readerNo={readerNo} (/Help/Api/GET-Reader-GetReaderConfiguration_panelNo_readerNo)	Get reader configuration
GET Reader/DoorInfoByCaObjectId?caObjectId={caObjectId} (/Help/Api/GET-Reader-DoorInfoByCaObjectId_caObjectId)	this api receives a Reader info by the caobjectid

FacilityMaps

API	Description
GET FacilityMaps/FacilityMaps (/Help/Api/GET-FacilityMaps-FacilityMaps)	Get list of facility maps
GET FacilityMaps/MapDeviceType (/Help/Api/GET-FacilityMaps-MapDeviceType)	Get list of map device type
POST FacilityMaps/ChangeFacilityMap?mapNo={mapNo} (/Help/Api/POST-FacilityMaps-ChangeFacilityMap_mapNo)	Post change facility map
POST FacilityMaps/FacilityMapPointOperation?pMapID={pMapID}&pPanelNo={pPanelNo}&pMapDeviecType={pMapDeviecType}&pDeviceNo={pDeviceNo}&pPointX={pPointX}&pPointY={pPointY}&pOperation={pOperation} (/Help/Api/POST-FacilityMaps-FacilityMapPointOperation_pMapID_pPanelNo_pMapDeviecType_pDeviceNo_pPointX_pPointY_pOperation)	Post facility map point operation

ScheduleChange

ScheduleChangeController

API	Des
GET ScheduleChanges/ScheduleChanges (/Help/Api/GET-ScheduleChanges-ScheduleChanges)	Get sch cha
POST ScheduleChanges/ScheduleChangesOperation?PrevSchedChangesId={PrevSchedChangesId}&Description={Description}&PnlNo={PnlNo}&DeviceType={DeviceType}&DeviceNo={DeviceNo}&DeviceText={DeviceText}&FieldNo={FieldNo}&FieldInText={FieldInText}&ScheduleNo={ScheduleNo}&DateFrom={DateFrom}&DateTo={DateTo}&Operation={Operation} (/Help/Api/POST-ScheduleChanges-ScheduleChangesOperation_PrevSchedChangesId_Description_PnlNo_DeviceType_DeviceNo_DeviceText_FieldNo_FieldInText_ScheduleNo_DateFrom_DateTo_Operation)	Pos sch cha ope
POST ScheduleChanges/CancelActiveSchduleChange?scheduleNo={scheduleNo}&keepSchdule={keepSchdule} (/Help/Api/POST-ScheduleChanges-CancelActiveSchduleChange_scheduleNo_keepSchdule)	Pos can acti sch cha

Elevator

ElevatorController

API
GET Elevator/ElevatorFacilities (/Help/Api/GET-Elevator-ElevatorFacilities)

API

GET Elevator/ElevatorType (/Help/Api/GET-Elevator-ElevatorType)

GET Elevator/ElevatorServers (/Help/Api/GET-Elevator-ElevatorServers)

GET Elevator/ElevatorFloors (/Help/Api/GET-Elevator-ElevatorFloors)

POST Elevator/ElevatorFloorConfiguration?PrevElevFloorId={PrevElevFloorId}&ElevFloorNo={ElevFloorNo}&ElevFacilityNo={ElevFacilityNo}&ElevFloorName={ElevFloorName}&Operation={Operation}&FrontDoor={FrontDoor}&RearDoor={RearDoor} (/Help/Api/POST-Elevator-ElevatorFloorConfiguration_PrevElevFloorId_ElevFloorNo_ElevFacilityNo_ElevFloorName_Operation_FrontDoor_RearDoor)

POST Elevator/ElevatorServerConfiguration?PrevElevServerNo={PrevElevServerNo}&PrevElevServerId={PrevElevServerId}&ElevServerName={ElevServerName}&ElevIPAddress={ElevIPAddress}&ElevType={ElevType}&ElevFacilityNo={ElevFacilityNo}&Workstation={Workstation}&Operation={Operation}&DecMode={DecMode}&EnabledPinSecurity={EnabledPinSecurity} (/Help/Api/POST-Elevator-ElevatorServerConfiguration_PrevElevServerNo_PrevElevServerId_ElevServerName_ElevIPAddress_ElevType_ElevFacilityNo_Workstation_Operation_DecMode_EnabledPinSecurity)

POST Elevator/ElevatorFacilityConfiguration?ElevFacilityNo={ElevFacilityNo}&ElevFacilityId={ElevFacilityId}&ElevFacilityName={ElevFacilityName}&Operation={Operation} (/Help/Api/POST-Elevator-ElevatorFacilityConfiguration_ElevFacilityNo_ElevFacilityId_ElevFacilityName_Operation)

Partition

PartitionController

API	Description
GET Partitions/AllPartitions (/Help/Api/GET-Partitions-AllPartitions)	Get list of partitions
GET Partitions/IsHavingPartition?currentOperatorId={currentOperatorId}&ScreenDeviceType={ScreenDeviceType} (/Help/Api/GET-Partitions-IsHavingPartition_currentOperatorId_ScreenDeviceType)	Check partition availability based on operation and screen

Lockdown

LockdownController

API	Description
GET Lockdown/LockdownAreas (/Help/Api/GET-Lockdown-LockdownAreas)	Get list of lock down areas
GET Lockdown/LockdownAPBAreas (/Help/Api/GET-Lockdown-LockdownAPBAreas)	Get list of APB lock down areas
GET Lockdown/LockdownStatus (/Help/Api/GET-Lockdown-LockdownStatus)	Get lock down status
POST Lockdown/LockdownAreaOperation?LockdownAreaName={LockdownAreaName}&LockdownAreaNo={LockdownAreaNo}&PanelNo={PanelNo}&ReaderNo={ReaderNo}&UseReader={UseReader}&Operation={Operation} (/Help/Api/POST-Lockdown-LockdownAreaOperation_LockdownAreaName_LockdownAreaNo_PanelNo_ReaderNo_UseReader_Operation)	Post lock down operation area
POST Lockdown/LockdownArea?AreaNo={AreaNo}&LockEnable={LockEnable} (/Help/Api/POST-Lockdown-LockdownArea_AreaNo_LockEnable)	Post lock down area
POST Lockdown/LockdownAPBArea?areaNo={areaNo}&bLock={bLock} (/Help/Api/POST-Lockdown-LockdownAPBArea_areaNo_bLock)	Post lock down APB area

TimeSchedule

TimeScheduleController

API	Description
GET TimeSchedules/TimeSchedule (/Help/Api/GET-TimeSchedules-TimeSchedule)	Get the list of time schedules
GET TimeSchedules/TimeScheduleDetail?timeZoneNo={timeZoneNo} (/Help/Api/GET-TimeSchedules-TimeScheduleDetail_timeZoneNo)	Get the time schedule details by time zone number

API	Description
GET TimeSchedules/TimeSchedules (/Help/Api/GET-TimeSchedules-TimeSchedules)	Get list of time schedules
GET TimeSchedules/TimeSchedulesForAgSchedule (/Help/Api/GET-TimeSchedules-TimeSchedulesForAgSchedule)	Get list of time schedules for Ag
GET TimeSchedules/TimeBlockIndexByTimeSchedule?ScheduleNo={ScheduleNo} (/Help/Api/GET-TimeSchedules-TimeBlockIndexByTimeSchedule_ScheduleNo)	Get time block by time schedule
GET TimeSchedules/DaysForTimeSchedule (/Help/Api/GET-TimeSchedules-DaysForTimeSchedule)	Get days for time schedule
POST TimeSchedules/TimeScheduleOperation?TimeScheduleName={TimeScheduleName}&ScheduleNo={ScheduleNo}&Operation={Operation} (/Help/Api/POST-TimeSchedules-TimeScheduleOperation_TimeScheduleName_ScheduleNo_Operation)	Post time schedule operation
POST TimeSchedules/TimeScheduleTimeBlockOperation?ScheduleNo={ScheduleNo}&TimeBlockIndex={TimeBlockIndex}&DayFrom={DayFrom}&DayTo={DayTo}&TimeFrom={TimeFrom}&TimeTo={TimeTo}&Operation={Operation} (/Help/Api/POST-TimeSchedules-TimeScheduleTimeBlockOperation_ScheduleNo_TimeBlockIndex_DayFrom_DayTo_TimeFrom_TimeTo_Operation)	Post time block operation for time schedule

Login

API	Description
GET Login?username={username}&password={password} (/Help/Api/GET-Login_username_password)	Login to the system