

CentralStation™ Datasheet

Snehapadma CentralStation software is a unified, multi-location, real-time Access control and Time Attendance Software with readily available visitor management application. It works with HID Networked Access Control products such as Edge & VertX. Snehapadma CentralStation is used to configure HID Physical Access solution products and integrate fire alarm, monitor activity, enroll users, their credentials and integrate, get various access, credential and attendance reports.

Feature	Description
Controller Configuration	Configurator software does the configuration controller, readers, input monitors, output controllers, their interrelation, various areas, relations between doors, locks, readers and areas.
Credentials Management	Software to manage credentials, schedules, area controls, and monitoring access, inputs and outputs by directly interacting with the controllers and storing them in database.
Database Compatibility	Compatible with MySQL / Add on with MS SQL & ORACLE
Configuration Modes	Supports to build up VertX and Edge controllers in Quick and Detail modes.
Monitoring of events	Monitor application monitors the access, inputs and outputs by reading through database logs.
Controller Support	Supports up to 65535 controllers of Edge and VertX series and 4194240 readers
Additional batch files	Set up rules engine based on What If scenarios.
Central Monitoring System	
Central monitoring	Centrally receives all access control logs and track movement of people
	Monitors current transactions logs, displays area, door information with access message.
	Monitors employee and unknown credential access messages.
	Shows Employee Name, photographs, department and other details with his/her current and previous transactions.
	Displays history of all logs.
	Configurable number of transactions on monitor window.
	Emergency message display.
	Monitors area wise access logs.
	In case of no network, controllers store time events and then push the data to CentralStation Server.
	Separate access reports for granted and denied access as well as for known and unknown credentials.
	Controllers push time events to CentralStation Server.
	No polling of Data required from CentralStation Server to each controller
	Privileges according to users' roles.

Alarm Monitoring System	
Alarms	Centrally monitors fire alarms, intrusion alarms, smoke detectors.
Default Alarms	Each controller is equipped with AC failure, battery failure, and tamper switch alarm.
Alarms Report	Alarm event reports.
Credential Management	
Card Compatibility	Compatible with most of the RFid Cards such as 26 bit, 32 bit, 35 bit etc.
Card Association	Association of Card with Employee. Flush unknown / unassigned credentials so as not to show them during fresh credential assignment
Card format	Card Data may be Card Serial Number or Card Id, Facility Id as defined by Card Format.
Bit Structure	Can read maximum 128bit cards
PIN Management	PIN Management: Association of PIN with Employee.
Controller Configuration on real time basis	Automatically pushes Credential Information of Card and PIN to relevant Controllers.
Credential reports	Displays list of assigned and unassigned credentials.
Credential Reports	Expired credentials information display.
Import credential data	Import of Credential Data from Excel Sheet.
Schedule Management	
Schedules	System supports up to 4 billion schedules, 4 billion holidays.
Holidays	Set Holiday Lists for the Employees when they are prohibited to enter certain areas.
Holiday & Work schedule	Set multiple Holiday and workday schedules with pre-defined time spans for weekdays.
Import Holidays	Import holidays from Time Office.
24 hour schedule	Option for 24 hour schedule.
Limits for schedule	System supports up to 4 billion schedules, 4 billion holidays.
Area Management	
Closed Area	Configure a Group of CICO (Credential In Credential Out) Access Control Terminals as a Closed Area.
Real or Timed Anti-Pass-Back	Apply Real or Timed Anti-Pass-Back to this Area with following possible actions, Only log Violation of Antipssback, Log violation and Deny Access, Log violation, Grant Access but Deny Exit, Prohibit Exit (Lock-Inside) for a Person from this Area, Prohibit Entry (Lock-Outside) for a Person to such an Area.
Area Definitions	It is possible to define Areas in such a way that person is not allowed entry to certain area unless he / she is in specific area. E.g. if person has successfully entered into the Lab then only he / she is allowed entry to the Server Room inside Lab.
	Configure a group of Access Control Terminals, need not be a closed area, for ease of assigning access groups to employees.
Door Assignment	Assign multiple doors to get inside and outside the area.
Areas	System supports up to 4 billion areas.

Access Management	
Access Group	Collection of combination of Area and Schedule is considered as Access Group. One can assign multiple employees to these access groups, or you can assign multiple access groups to employee. Separate access group of each access area can be created. Employees can be filtered by employee type, establishment, department, designation to assign access groups.
RBAC	Provides Role based Access to all the users.
Default access group	Optionally create access group with 24 hour schedule for areas.
Access Groups	System supports up to 65535 Access Groups.
Emergency Management	
Door Status	Open or maintain closed status of doors as configured to be in case of Emergency.
Batch File	Run pre-specified Batch File
Multiple Batch files	In case required to run multiple programs, configure your batch file accordingly on the Server.
Output Configuration	Convert Output Points to Status as Configured to be in case of Emergency
Emergency Button	An Emergency Button to open up every door and raise all the configured alarms.
Messaging	Emergency messages for preconfigured emergency input(s).
Access Reports	
Access Reports	Access Denial & Grant Reports
Credential Reports	Assigned & unassigned credential reports
Report Formats	Exports reports to MS Excel.
Who is Where	Who is where report at any point in time.
Time Office Management	
Master Data	
Departments	Unlimited Departments
Holidays	Holidays
Leaves	Full day / Half day
Shifts	Multiple shifts / late mark/ early out / minimum working hours
Shift Rotations	Periodicity, Multiple Weekly Offs, Weekly, Biweekly, Tri-weekly, Monthly, Second and Fourth Saturday, and customizable Shift rotation patterns
Auto Shift	Automatic shift detection within group by IN & OUT time.
Employee Details	Employee details such as Name, Joining date, leaving date, regular Shift, Overtime. Comp off. etc.
Employee List	Bifurcation of employees into various lists such as Male, Female, Contract etc.
Location	Locations
Business Rules for organization	
Brake time	Deduction, inclusion
Employee ID	Reports by Employee ID
Tolerance	Global tolerance for In & OUT Time
Auto shift	Application of Auto shift wherein shifts are detected automatically depending

	on In & OUT time of employee
Night Shift	Application of Night Shift
IN time for Day	One can define any time such as 4 O clock as in time for a day
Maximum Time of work	The maximum time possible for work for overtime calculations
Features	
Multi-location	Multi-location client Server architecture
RBAC	Role based access Control for Employee, HOD, Management, system Admin
User Management	User Management for assigning roles to employees
Overtime	Multiple overtime & compensatory setting settings for multiple people
Manpower Planning	Manpower Planning for employees for desired period of time
Leave Allocation	Leave allotment
Leave Assignment	Leave Assignment
Manual Entry	Manual time event entry with remark for individual or bulk of employees
Reports filters	
Date filter	Filter by any two dates, daily, weekly, monthly
Department Filter	Sorting of data by departments
Employee	Reports by individual Employee, Multiple employees
Attendance Reports	
Daily Attendance	Daily Attendance mentions employee, shift, IN time & OUT time, time worked , late marks
Employee Summary	Employee summary mentions the summary of present days, off days, weekly off, pay days, overtime, late marks
Department Summary	The summary of present employees in all the departments
Detail Report	Detail Report mentions IN & OUT time irrespective of schedule shifts
Real time Current Status	Current Status in/out/late/absent status of employees,
Statistics	IN/Out average Statistics
Late	Late time in actual
Late summary	Late Summary for selected period
Early Out	Early out
Manual Entries	All the Manual Entries
Single Entries	Single Entries
Transaction Logs	All transaction logs
Salary slip Data	Salary slip data for payroll processing
Pay report	Pay report for daily wage employees
Leave Reports	
Leave Balance	Leaves credit, availed & Balance
Leave register	Chronology of leaves debit
Cross Tabular Reports	
Muster Roll in detail	Detailed report showing IN /OUT, scheduled shift, remarks for Late
Muster Roll	Report with present/Absent/Leave/weekly off
Late report	Detailed Late coming report
Overtime details	Detailed Overtime report
Raw data of first IN & Last OUT	Unprocessed data for first IN & last OUT data.

Visitor Management Software : An Add on Module that works with Access control system or independently	
Features	
Visitor prior Appointments	Every privileged user can set prior appoint for his/her visitor.
Visitor Details	Records Visitor data such as photograph, name, organization, time, person to meet, prior appointment, reason.
Temporary Credential to Visitor and Integration with Access Control	Adds card with temporary credentials with access to specific area / elevator with or without escort. For Escort it allows entry only when escort card is also swiped in. In case if an inviter is not going to escort a visitor, this system gets information about visitor from inviter and area that should be accessible to visitor
Interface for security	User-friendly so that security person can use it.
Filter Options	Advanced filter options to search visitor on basis of time, name and organization.
Blacklisted identification	Do not allow black listed visitors to enter into the campus.
Visitor IN / OUT status	Sorts visitors' data for Inside campus, Outside campus and visitors yet to come.
Visitor Belongings	Keeps track of visitor's belongings.
Visitor Pass	Automatically generates visitor pass.
POP up Message	Popup messages at Security's PC if any visitor spends extra time than given time.
Visitor Summary	Displays Visitor's transaction summary at security.
Visitor Reports	Generates visits and visitors reports on basis of date, time and employee.