

Datasheet - C.H.I.S - V2 (Cloud Hosted ISP-Management Server)

Chis - V2 Flavors:

Chis-V2 Is Available in Two Flavors:

- ✓ On-Cloud Version
- ✓ On-Premises Version

Open to Customizations!

Chis - V2 Can Be Tailored to Add or Remove Certain Capabilities That Are Required According to Your Requirements and Business Model.

Custom API for 3rd Party Integrations!

Custom API's Can Be Made to Integrate Chis-V2 With Other 3rd Party Solutions or Systems.

Wi-Fi Guest Network Ready!

Wi-Fi Guest Portal (Login and Sign-Up Pages) Ready Out-Of-The-Box. Highly Customizable Login and Sign-Up Pages.

SMS OTP For Wi-Fi Guest!

OTP Sent VIA SMS for Guest Wi-Fi Registered Clients.

Wi-Fi Guest Dashboard!

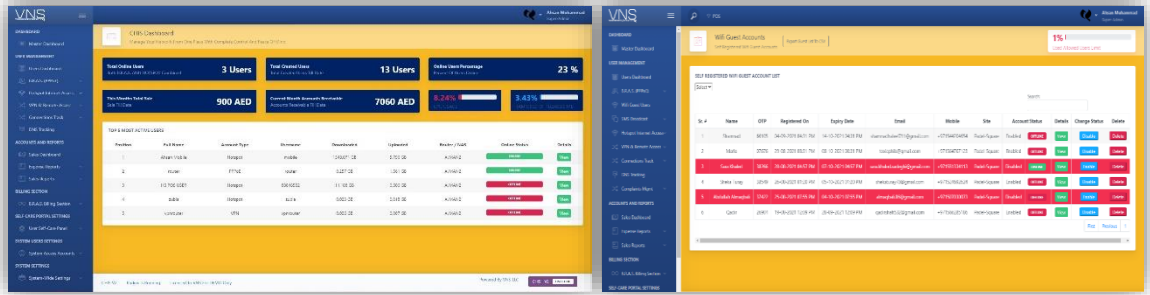
Separate Dashboard For Registered Wi-Fi Guests with SMS Broadcast and SMS To Single Number Support.

Payment Gateways Support!

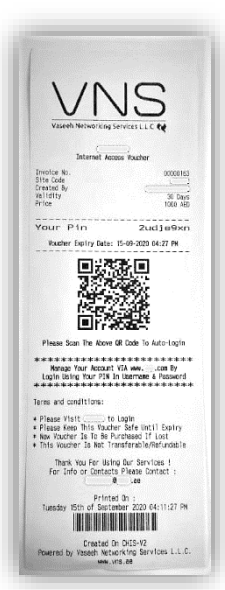
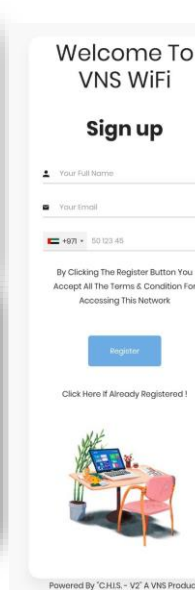
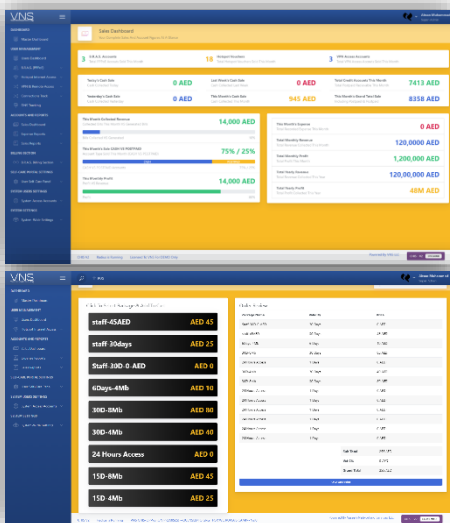
3rd Party Payment Gateways Can Be Added to The System to Provide Automated Bill Collection.

Mobile Apps For User Self Care Portal!

Android and IOS App Live For User Self Care Portal and Automatic Network and App Login VIA QR Code From Voucher.



- The CHIS-V2 Is Made from Ground-Up for Support of Up-To an UNLIMITED Concurrent Users with The Correct Type of Supported Hardware Setup.
- The CHIS-V2 Has Now the Support Creating, Managing, Billing of PPPoE, VPN, And Hotspot User Accounts, Making It A Perfect Fit to Run an ISP Or a Guest Wi-Fi System With Mikrotik ROS Or Other Supported NAS.
- The CHIS-V2 Now Is 100% Compliant or Exceeds the Complaint Requirements of Most of The Telecom Regulatory Around the World Especially PTA In Pakistan And TRA in UAE.
- The CHIS-V2 Is Now Capable of Changing Access Packages / Access Speeds of Any User Account Type Anytime on The Fly with Our Need for Disconnecting the User to Apply the Changes.
- The CHIS-V2 Has Now A Fully Customizable Users Self Care Portal For Users That Can Be Used to Check Account Status, Change Access Package, Add Temporary Speed Boost Or Change, Make Payments, Change Self Contact Details (E-Mail, Contact Number), Etc.
- The CHIS-V2 Has Automated Recursive Billing Support, Which Automatically Generates User Bills Every Month with Respect to Their Billing Cycle and Emails Them Automatically and Automatically Disables Accounts in Case of Non-Payment After the Due Date.
- The CHIS-V2 Now Supports VAT and Other TAX Support.
- The CHIS-V2 Now Supports Automatic Database Backups to The VNS Cloud If Required or Selected.
- The CHIS-V2 Seamlessly Automatically Updates Itself Once There Is an Update If Your Package Supports Updates.
- The CHIS-V2 Now Maintains Access Logs (Login, Logout Details), Connection Tracking Records, DNS / Internet Browsing Records (If Enabled).
- User Information Retention for Up To 200 Days Minimum, And 400 Days Maximum.



Key Features:

- User Management.
- User Provisioning.
- Instant Voucher Generation and Printing (Via Pos Machines).
- Billing Automation.
- Sales Reports.
- User Self Care Portal.
- User Android / iOS App for Managing User Account.
- Postpaid and Prepaid Billing Support.
- Multiple NAS Support.
- Resellers Support.
- Multiple Owners / Partners Support.
- Easy Licensing From 100 To Unlimited Users.
- Free Lifetime Updates.
- Backup of Entire Database on VNS Cloud (Optional).
- Free Configuration and Reconfiguration of Critical Mikrotik Router or Internet Access Gateway (Up To 2 Devices) That Gets Reset or To Factory Defaults to Minimize Downtime (Optional).
- 24 x 7 Support (Optional).
- Completely In-House Developed from Ground Up Which Enables High Level of Customization Options.
- Available as An LXC Or A VM For Wide Deployment Options.
- Designed and Developed on A Mission Critical Custom Light Weight Linux OS With Latest Security Patches and Updates.
- Can Be Configured as Standalone Installation on A Single Server or As High Availability Fully Redundant Installation on Multiple Physical Servers.
- Fully Automated Backup Strategies.
- In Built Users Complaints and Solutions Center.
- SMS Gateway Ready
- 4 Tier Backup Options That:
 - ✓ On VNS Cloud (Optional)
 - ✓ On Local Machine
 - ✓ On Local Server
 - ✓ On Hypervisor

Coming Soon:

- Zero-Touch CPE Provisioning Via Tr-069 Protocol Directly from Panel.
- Easy Router / CPE Config Panel for Subscribers to Change Device Parameters Like SSID, Wi-Fi Passphrase, Etc.
- In Built Monitoring Support for Network Devices Via SNMP.
- Automated Billing and Vouchers Kiosks for Bill Payment Via Cash and Card Payments and Hotspot Vouchers Dispensing.
- Android Based Portable POS Terminals For Bill Payments and Hotspot Vouchers Selling.

Technical Specifications:

Supported Billing Types:	Prepaid, Postpaid.
Wi-Fi Guest Network:	Supports Self Registration and Mobile Number Verification VIA SMS OTP.
Supported User Account Types:	PPPoE, PPTP, L2TP, SSTP, PPP, Captive Portal / Hotspot Users / Vouchers.
Supported Bill Collection Methods:	Cash, POS, Online Payment Gateways.***
User Details Stored / Required Per User Account:	Name, Number, Email, Address, Geographical Locations, ID Card Number, MAC Address, etc.
Postpaid Account Bill Generation:	Automated, Manual.
Postpaid Account Bill Delivery:	Automated Emails (MTA or SMTP Server Required).
VAT and TAX Support:	Yes.
User Self Care Portal:	Yes, Self-Care Portal Created Automatically Upon User Creation.
Bill Payment via User Self Care Portal:	Yes.***
User Access Logs:	Yes, Fully Complaint to Regulatory Authorities, Retention Time Depends on Storage Available.
Automatic User Disconnection / Disable Upon Non-Payment	Yes, Reconnection Bill Payment % is Set to 50 Percent. **
Billing Cycle:	1 st and 15 th of Every Month.**
Hotspot Vouchers Sold via:	Inbuilt POS with 80mm Thermal Printer Support.*
Salesman / Resellers Support:	Yes.*
Backup / Disaster Recovery:	Yes 2 Types of On-Site Backups, and Auto VNS Cloud Backups with Paid Cloud Backups and Additional Support Package.
Basic Support and Tshoot:	Yes, Free Email Support with 24 Hours to 48 Hours Response Time.
Operating System:	Custom In-House Developed Mission Critical Light Weight Linux Build.
Machine Form:	LXC (Linux Container) and KVM Virtual Machine.
Automatic Failover, High-Availability Support:	Yes, Extra Hardware Required.

Legend:

* Unlimited Number or Instance.

** Can Be Changed as Required.

*** Additional Configuration / Development Charges May Occur.

Minimum System Requirements: (for 4k Concurrent Users)

CPU:	2 x 8 Core 2.8 GHz Xeon Processors.
RAM:	64Gb RAM.
Storage:	6TB on RAID 5 or RAID 5+0. (Not for High Availability or Failover).
Network I/O:	1 Gig Copper NIC or 4 Gig Optical NIC.
Hypervisor:	Proxmox VE Supported Only.
Email Server:	Any SMTP / MTA Server with High Outgoing Support.
POS Terminal:	Any Windows System with A Browser, With or Without Touch Screen.
80mm Voucher Thermal Printer:	Any Printer That Supports EPOS Protocol.

User Self Care Portal App Available On:



GET IT ON
Google Play



Available on the
App Store