



### **IMPORTANT NOTICE**

Elitecore has supplied this Information believing it to be accurate and reliable at the time of printing, but is presented without warranty of any kind, expressed or implied. Users must take full responsibility for their application of any products. Elitecore assumes no responsibility for any errors that may appear in this document. Elitecore reserves the right, without notice to make changes in product design or specifications. Information is subject to change without notice.

### **SOFTWARE LICENSE**

The software described in this document is furnished under the terms of Elitecore's software license agreement. Please read these terms and conditions carefully before using the software. By using this software, you agree to be bound by the terms and conditions of this license. If you do not agree with the terms of this license, promptly return the unused software and manual (with proof of payment) to the place of purchase for a full refund.

### **LIMITED WARRANTY**

Software: Elitecore warrants for a period of ninety (90) days from the date of shipment from Elitecore: (1) the media on which the Software is furnished will be free of defects in materials and workmanship under normal use; and (2) the Software substantially conforms to its published specifications except for the foregoing, the software is provided AS IS. This limited warranty extends only to the customer as the original licenses. Customers exclusive remedy and the entire liability of Elitecore and its suppliers under this warranty will be, at Elitecore or its service center's option, repair, replacement, or refund of the software if reported (or, upon, request, returned) to the party supplying the software to the customer. In no event does Elitecore warrant that the Software is error free, or that the customer will be able to operate the software without problems or interruptions.

### **DISCLAIMER OF WARRANTY**

Except as specified in this warranty, all expressed or implied conditions, representations, and warranties including, without limitation, any implied warranty or merchantability, fitness for a particular purpose, non-infringement or arising from a course of dealing, usage, or trade practice, and hereby excluded to the extent allowed by applicable law.

In no event will Elitecore or its supplier be liable for any lost revenue, profit, or data, or for special, indirect, consequential, incidental, or punitive damages however caused and regardless of the theory of liability arising out of the use of or inability to use the product even if Elitecore or its suppliers have been advised of the possibility of such damages. In the event shall Elitecore's or its supplier's liability to the customer, whether in contract, tort (including negligence) or otherwise, exceed the price paid by the customer. The foregoing limitations shall apply even if the above stated warranty fails of its essential purpose.

In no event shall Elitecore or its supplier be liable for any indirect, special, consequential, or incidental damages, including, without limitation, lost profits or loss or damage to data arising out of the use or inability to use this manual, even if Elitecore or its suppliers have been advised of the possibility of such damages.

### **RESTRICTED RIGHTS**

Copyright 2000 Elitecore Technologies Ltd. All rights reserved. 24online-Internet on Cable, 24online-Internet on Cable logo are trademark of Elitecore Technologies Ltd. Information supplies by Elitecore Technologies Ltd. Is believed to be accurate and reliable at the time of printing, but Elitecore Technologies assumes no responsibility for any errors that may appear in this documents. Elitecore Technologies reserves the right, without notice, to make changes in product design or specifications. Information is subject to change without notice

### **Corporate Headquarters**

Elitecore Technologies Ltd.  
904 Silicon Tower,  
Off. C.G. Road,  
Ahmedabad – 380015, INDIA  
[www.24onlinebilling.com](http://www.24onlinebilling.com)

## Contents

Product Release Information .....	3
Introduction .....	3
New Features.....	3
1. Multi mode support.....	3
2. Batch Management for Walk-in Users .....	3
3. Zone wise PIN generation restriction based on PIN value.....	3
4. User-Zone association .....	3
5. Data transfer restriction for Leased line users .....	4
6. Migrate users from a third party system using CSV file import.....	4
7. Reopen Log on window support for HTTP log on client.....	4
8. Dynamic DNS support.....	4
9. Coupon designer support.....	4
10. ARP flooding protection.....	4
Enhancements .....	5
How to Report Problems.....	6

## Product Release Information

Product: 24online

Release Number: 7.1.0 Build 1

Compatible versions: 7.0.3.0, 7.0.3.2, 7.1.0.0

Release Date: 5th January, 2006

Customer Support: For more information or support, please visit our [website](#) or email at [support@24onlinebilling.com](mailto:support@24onlinebilling.com)

## Introduction

This document contains the release notes for 24online version 7.1.0 build 1. The following sections describe the release in detail and provide other information that supplements the main documentation.

This is a major release with many new features. Users of previous releases should check the "Compatible versions" section before upgrading. Refer Upgrade Guide for more details.

## New Features

### 1. Multi mode support

24online can now function as Access gateway and RADIUS simultaneously.

This enables 24online to truly act as an ISP in a box allowing ISP's to account and bill broadband, WiFi, and Dialup customers using a single 24online installation.

Till previously version, if 24online was required to perform both the tasks then it was possible only by two separate installations.

### 2. Batch Management for Walk-in Users

With introduction of this feature, now it is possible to generate pin batches - creation of multiple users in bulk – for walk-in users. Generation of pin batches for the specific zone allows service providers to limit the usage of pins in the specific zone. Reports and search options provide the rapid access to data using drilldown methodology. Previous versions supported batch management for normal users only.

Refer to Walk-in users Management Guide for more details.

### 3. Zone wise PIN generation restriction based on PIN value

Service providers can now set an additional control on franchisees by restricting the generation of pins based on pin value from each zone.

For example

Zone can be restricted to generate pins of Rs 30000 only. This means Zone admin can generate 10 pins of Rs 3000 each or 20 pins of 1500 or 15 pins of Rs 2000 each.

### 4. User-Zone association

Now it is possible to associate user with a particular zone in a single step at the time of user creation. It is also possible to apply log on restriction from the specified zone only. This will enable user to log on from any of the pool node from the specified zone.

#### **5. Data transfer restriction for Leased line users**

Now you will be able to apply data transfer policy to the leased line users along with the surfing quota policy and bandwidth policy. This feature was previously available only for normal users.

#### **6. Migrate users from a third party system using CSV file import**

To help ensure easy user migration, 24online now supports importing user definition from CSV file. This significantly reduces the administrator's task of re-creating all the users again in 24online and simplifies the task of migrating users to 24online from any other existing billing system.

Refer to User Guide – User Migration for more details.

#### **7. Reopen Log on window support for HTTP log on client**

For users using HTTP log on client, now it is possible to reopen the log on window if closed by mistake to log out.

Previously it was not possible to log out if the window was closed as log out option was available only on the log on window.

#### **8. Dynamic DNS support**

With the introduction of Dynamic DNS (DDNS) support, 24online administrators will now be able to access 24online without knowing the public IP address of 24online.

This feature is highly beneficial for DSL links where the public IP address of 24online is not static.

Every time you want to access 24online via Internet, you need to know the public IP address of 24online. But in case when public IP address is assigned dynamically, it is not possible to know the latest IP address every time. Dynamic DNS allows you to bind a dynamic IP address to a static name i.e. assign a name to your 24online and accessing 24online with the registered name instead of dynamic IP address. Whenever 24online IP address changes, DDNS updates the IP address and hence DDNS always has the latest public IP address of 24online.

#### **9. Coupon designer support**

PIN and package details required for user registration or renewal is printed in the form of Coupon. 24online now allows customizing Coupon design/layout. For this, fully integrated Template Editor is added which supports numerous placement and arrangement options for each data field. Knowledge of any editor, MS Word or HTML will help in successfully using this feature.

Also provided provision for:

- including personalized message
- inserting any image
- generating multiple template

#### **10. ARP flooding protection**

24online now protects against one more type of DoS attack - ARP flooding, by dropping invalid

requests. In this type of attack, Server receives ARP requests at a very high rate. Because of this, server is overloaded with requests and will not be able to respond to the valid requests. 24online protects by dropping such invalid ARP requests. For the analytical purpose, 24online also displays number of invalid packets dropped.

## Enhancements

This version improves scalability to support 1000 concurrent users for the specified hardware. Refer to User guide – Hardware requirement for more details.

## How to Report Problems

If you have problems with your system, contact customer support using one of the following methods:

- Email id: [support@24onlinebilling.com](mailto:support@24onlinebilling.com)
- Telephone number : 91-79-26400707

Please have the following information available prior to contacting support. This helps to ensure that our support staff can best assist you in resolving problems:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or dumps

**Elitecore Technologies Ltd.**

**Corporate Office**

904 Silicon Tower,  
B/h Pariseema Building,  
Off. C.G. Road,  
Ahmedabad-380 006.  
INDIA  
Telephone: +91-79-26405600  
Fax: +91-79-26407640

**Bangalore Office**

3<sup>rd</sup> floor, 19/1 Infantry Road Cross  
Behind Medinova Diagnostic Centre  
Bangalore-560 001.  
INDIA  
Telephone: +91-80-41517880/81  
Fax: +91-80-41517883

**Delhi Office**

606 Mahatta Tower,  
'B' Block  
Community Centre,  
Janakpuri,  
New Delhi-110058.  
INDIA  
Telephone: +91-11-25529638/40, +91-11-  
51589761/62  
Fax: +91-11-51589760

**Mumbai Office**

Office 4, B/65, Stanford Plaza,  
Off. New Link Road,  
Andheri (W)  
Mumbai-400 058.  
INDIA  
Telephone: +91-22-56951280/380  
Fax: +91-22-56923363

**U.S.A Office**

600 Meadowland Parkway,  
Suite 270,  
Secaucus,  
New Jersey 07094  
U.S.A.  
Telephone: 201-484-7581  
Fax: 201-777-2113

**Australia Office**

12 Peppercross Place,  
Old Toongabbie  
NSW 2146  
Australia  
Telephone: 61-413939862  
Fax: 61-296319091