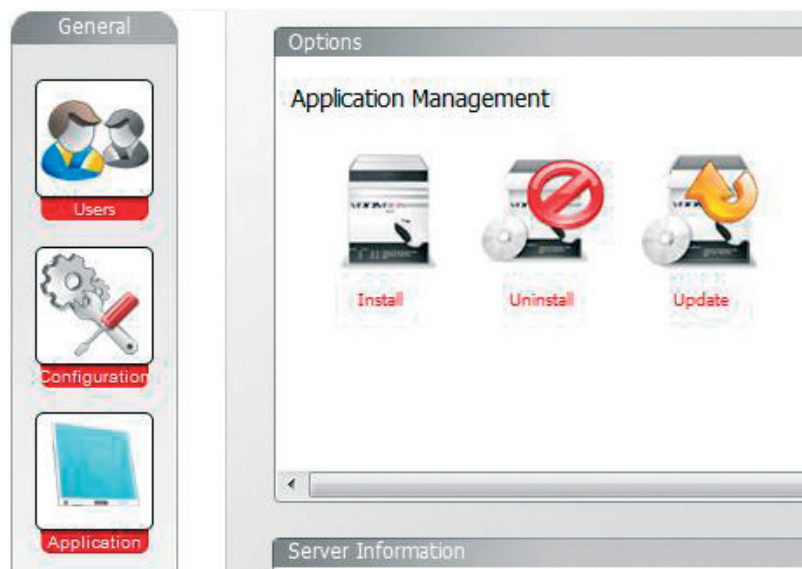# VDOM Box
THE FIRST WEB APPLIANCE

Fig. 1. A window for installing, deinstalling and updating of web applications

Fig. 2. Instruments for editing in the development environment VDOM IDE

Today the Web applications are everywhere. For the last 10 years the major evolution of software technologies consisted in switching from desktop to Web based application. But at the very beginning the Web server was rather a tool for publishing & sharing information than executing a software application.

Year after year the technologies were improved to offer solutions transforming a Web server into an application server but it is still very difficult to create & deploy Web application – you need to have a lot of different components that should work together to provide a complete Web application solution. These components are operating system, Web server, data base, Web server scripting environment and the application itself. When all these components are available you have to configure them all to be able to run your application.

This is not a simple thing to do and it is far more difficult compared to a not Web based software. VDOM Box International Ltd. after 3 years of research & development provided an answer to this problem – make the Web application even simpler to install & deploy than a desktop application.

To achieve this all the required components to run the Web application are available in a ready to use Web server called VDOM Box. So, no OS, no Web server or database to install, everything is in the VDOM BOX.

Then like desktop software your entire application is stored in one single file – the application file. To install it

on your VDOM Box just click on Install in the administration part and upload it. After several seconds your Web application is installed on your VDOM Box and you can start using it.

Now, thanks to VDOM Box, it is as easy to install a Web application as to use a game on your console.

Every developer who is familiar with WYSIWYG event driven development tools like Visual Basic will adopt quickly the VDOM IDE (Integrated Development Environment). Completely WYSIWYG & event driven this solution for developing applications for the VDOM Box uses the same technique. The language used to develop an application is very similar to VB Script.

To develop an application just drag & drop a component on the WYSIWYG editor, set the properties, write actions linked to events and all the complexity behind will be hidden for you by the VDOM Server.

Then to deploy your application just click on export which will create the XML file of your application and install it on all VDOM Box servers you want by just uploading this file to it!

PrintToWeb a revolution in Web publishing technology

Have you ever dreamed of finding a solution that allows you to publish content on your Web site directly from any word processing, CAD, etc. software you are used to work with?
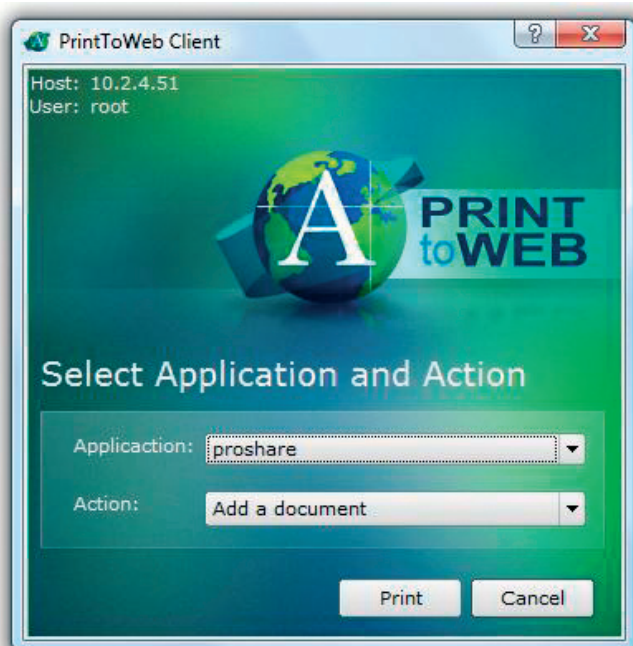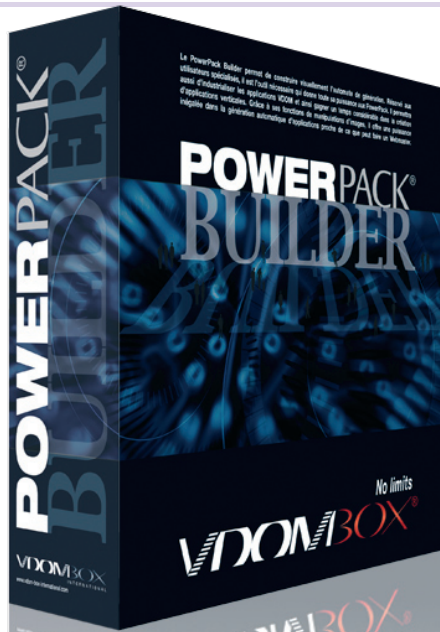
Фиг. 4. PowerPack Builder

Most of the modern Web sites today are managed by CMS (Content Management System). The main problem of these solutions is that they are not intuitive for the end user. Most of people who manage Web sites know MS Office products like Word, Excel or PowerPoint. They would like to be able to use that same software to send data to their Web Site, but there was no universal solution before PrintToWeb.

PrintToWeb is a virtual printer driver that is able to transform printing data into a stream of information that the VDOM Server will understand. PrintToWeb driver is not a simple driver, it is an engine that runs scripts downloaded from the application itself that convert printed data (texts, pictures and vectors) to internal format that the Web site will use.

For the user the only thing she/he has to know is the name of the action she/he wants to perform, for example: [add news], [update photo gallery], etc.

PrintToWeb gives the possibility make a Website updatable using any popular software available the market, no need for any CMS, just print and it's done.

The PowerPack software programs are theme-based Web VDOM application generators

They are a major step forward in the area of application development tools. Unlike systems that are based on predefined templates, the PowerPack uses a finite state automaton to generate an almost infinite number of variations of the generated applications. PowerPacks are isosemantic application generators.

The PowerPacks can automate the creation of vertical applications, while still allowing advanced customisation of the solutions created. PowerPacks use a system that is based on asking the user simple questions such as „What is the name of your company?" and „What is your colour scheme?", and on introducing graphical elements which allow the generator to build the application just as a human Webmaster would. Two types of PowerPacks are available:

ProShare, a VDOM Application to share files & publish document on the Internet

ProShare (*www.proshare.bg*) is an application for VDOM Box dedicated to share over the internet documents & files. The advantages to run this application on VDOM Box are the following:

◆ Very fast file transfer because of local network.
◆ Pay once use for ever.
◆ Thanks to PrintToWeb publish the document directly from the application by clicking on Print.

Fig. 3. Application selection in PrintToWeb