



Froguts School Installation

Best practices for the design and deployment of a
large-scale implementation of the Froguts
Subscription Service

Abstract

This document presents the best practices for the design and deployment of a school large-scale implementation of the Froguts Subscription Service.

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1 Introduction

1.1 Purpose

This document presents the best practices for the design and deployment of a large-scale implementation of the Froguts Subscription Service. Many schools deploy software following one three processes and either install software on each user workstation, employ a client-server schema, or build and push images over a local area network. We will review how to activate The Froguts Subscription Service and enable any method of distributing our software for a school.

1.2 Audience

The intended audience for this document is any current or potential Froguts Subscription Service customers. The document is tailored for technical specialists who have been tasked with developing an implementation plan for the subscription service and its deployment onto workstations in a large local area network or into a client server framework.

2 The Froguts Subscription Service

2.1 Service Description

The Froguts Subscription Service delivers Bio-eLearning simulations. Each simulation presents a virtual animal dissection, a biology lab experiment or an environmental and ecology analysis.

2.2 Activation Description

The Froguts Subscription Service is a CD based application that has a finite execution window. The application is time and calendar limited and expires one year after the date of the first activation. The activation process is described in the section titled 'Core Installation Procedure'. Each CD has an unlimited number of possible activations even though after 1000 activations an institution will need to submit an email request for an increase in activations. The increase is server based and does not require any efforts by the end user. Activation occurs over a standard port 80 TCP/IP using MIME Type AMFconnections and is secured by a proprietary binary encryption and encapsulation format. Activation generally requires less than 30 seconds per workstation over a 56.6Kbps or greater connection. Once a workstation is activated no further internet connection is required

Privacy Information

At no time is information requested, stored, or transmitted about the end user of the subscription service other than what was provided at the time or purchase by the institution. No hardware information such as network adaptor MAC address or CPU serial numbers is collected, stored or transmitted.

3 School Installation Procedure

3.1 Minimum Requirements

The Froguts Subscription Service software is cross platform and supports many operating systems. The software is a proprietary implementation of Macromedia's Flash technology. Our subscription service runs in a standalone executable version of the Flash Player distributed with the CD under a license granted by Adobe. The Flash Player supports Apple's operating systems, Microsoft's Windows operating systems, and many flavors of Unix/Linux. No additional software is required other than the executable files that are delivered on the subscription CD.

3.1.1 Macintosh

- PowerPC CPU
- 64MB RAM
- Video Card [Sound card recommended]
- OSX to 10.x / XServe

3.1.2 PC

- PIII CPU
- 64MB RAM
- Video Card [Sound card recommended]
- Win 95-98 / ME / XP/ NT – Server 2003

3.2 Activation

For larger scale deployments, whether using imaging or some other methodology of distribution, our non-profile based activation is most appropriate. Additionally in this method no data is written to hard disk during the runtime use of Froguts software, therefore no permissions or privileges issues need to be addressed. Froguts allows the IT staff to generate a an XML license that enables the use of our software under any user profile/credential. Please follow the steps below to generate and implement a global activation.

1. You will need:
 - a. Your email address for receiving the activation file, it should be able to receive XML attachments.
 - b. Passkey from the letter that accompanied the CD. If you do not have the letter that accompanied the CD please contact support@froguts.com.
 - c. Activation code, also know as your account number, that is found on the back of the CD case.
2. By implementing the global activation process you acknowledge that the global activation XML file you generate **cannot** be distributed to students for home use.

[Student distribution of the software for home use is only allowed using the standard profile based activation method. Therefore, to distribute to students you can burn a copy of the CD and provide them with the activation code to use at home, but not a copy of your global activation xml license file or a copy of a image that contains our xml license file.]

Please contact support@froguts.com with any questions.

3. Copy the entire 'Froguts' directory to the workstation(s) or server(s) being activated. To conserve space the subdirectory 'documentation' may be omitted.
4. Run the Froguts software, choosing either the Mac or PC version, and following the instruction for activating as a SCHOOL.
 - After running Froguts Software you will be presented with this message, please select 'Yes'.



- The next screen will request what type of activation you wish to perform, please select 'School'.



- You will then be requested to acknowledge that you are about to activation a school account, please select 'Accept'.




- The next screen is a more formal description of the school license and how it may be used. Please review it and click 'Accept' if you would like to proceed.

Froguts Global License Generator

This generator will create a global activation file for the Froguts Subscription Service. The file will globally activate your subscription in a non-profile manner and mitigate issues with large scale implementations. You will need your activation code found on the back of the CD and your passkey found on the letter that was included with the CD. You will also need to provide an email address to which you would like to receive your global activation file.

By implementing this global activation procedure you are acknowledging that you may not distribute the XML license file to students for home use. Distribution of the attached XML file is a breach of your license with Froguts Inc. Students may however use the standard activation process at home via the activation key provided on the CD case and copies of the unaltered CD. For questions regarding the use of this generator please contact support@froguts.com.



- The last screen requires that you input your activation code, a passkey, and an email address to complete activation. Please input the required information and then click 'Generate License'.


Froguts Global License Generator

Activation Code:

Pass Key:

Email Address:

Use an email address that permits XML attachments. You only need to generate ONE license per school, this one license can be used on every computer or server in your school.



5. After using the global key generator you will receive a confirmation email to the email address you provided during activation. Attached to this email will be a file named 'salamander.xml'.
6. Place the attached file named 'salamander.xml' in the following directory path: 'Froguts/data/' so that the resulting file path is: 'Froguts/data/salamander.xml'
7. All users of the executables 'Froguts_PC' or 'Froguts_Mac' will be able to run the software without being required to activate and without any profile dependency. No data is written to hard disk during the use of Froguts software, therefore permissions or privileges issues need to be addressed. YOU ONLY NEED TO CREATE ONE XML LICENSE, THE SAME LICENSE WILL WORK FOR ALL SERVERS AND WORKSTATIONS.

3.3 End User Accounts / Privileges

While it is recommended that the user activating a workstation has administrator privileges it is not a requirement that the end user have such privileges. When account or privilege configuration becomes an issues is on some networks where each user has a login account that is unique and different from the account used to activate the workstation. There are known workarounds and Froguts is happy to collaborate with IT groups to tailor an installation for unique environments. Please contact support@froguts.com for assistance. In general, the 'Individual Workstation' methodology described below will work in almost any network environment. The other options described are easier to manage but can present some obstacles.

Under the End User License Agreement each student, staff and faculty member of the subscribing institution is authorized to have a copy of the CD for use at the institution or at their home. They may not further distribute the CD and must use the institution's activation code to activate home computers. Illegal distribution of the CD or its contents by students, staff or faculty will result in termination of the institutions activation rights and possibly its subscription. Institutions are encouraged to consider these issues when taking advantage of 'home use' as authorized by the EULA.

4 Summary

This white paper has discussed three methods of implementing the Froguts Subscription Service on a large scale. No one method was described in great detail since each institution is unique and it would be difficult to present a detailed plan that would be sufficient for any one institution. However, Froguts is always interested in collaborating with institutions, organizations or states that would like to discuss their implementation plan. This document is not exhaustive in its review of methodologies and there certainly exist many methodologies for large-scale implementation of the Froguts Subscription Service that were not discussed.



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