

# Tzunami Deployer Licensing Guide

Version 3.3

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## PREFACE

This document provides installation procedure to install and configure Tzunami Deployer Licensing service.

This preface contains the following topics.

- Intended Audience
- Structure
- Conventions
- Technical Support
- Comment and Suggestions

#### **INTENDED AUDIENCE**

Tzunami Deployer Licensing Service Guide is intended for:

• System Administrator Project Managers and IT Managers who sets Tzunami Deployer and Tzunami Exporter licenses.

### **S**TRUCTURE

This document includes the following chapters:

- Chapter 1, "Prerequisites for Installing Tzunami Deployer Licensing Service" This chapter contains information that you should review before you install Tzunami Deployer Licensing Service.
- Chapter 2, "Installing Tzunami Deployer Licensing Service" This chapter contains instructions for installing and configuring Tzunami Deployer Licensing Service.
- Chapter 3, "Tzunami Deployer Licensing Service" This chapter contains information about Tzunami Deployer Licensing Service.

### **CONVENTIONS**

The following text conventions are used in this document:

- Commands and keywords are given in **boldface**
- Terminal sessions, console screens, or system file names are displayed in fixed width fonts



Caution indicates that the described action might result in program malfunction or data loss.



**Notes** contain helpful suggestions about or references to materials not contained in this manual.



Tips provide information that might help you solve a problem.

### **TECHNICAL SUPPORT**

Before contacting Tzunami Deployer Support team, ensure that you are referencing the latest copy of this user guide (Ctrl+Click to follow link) <u>Tzunami Deployer Licensing Guide</u>.

If you have searched our reference materials and the issue still persists, contact Tzunami Deployer Support Team at <u>support@tzunami.com</u>

### **COMMENTS AND SUGGESTIONS**

Your feedback is important to us and will help us to provide the most accurate and high quality information possible in our documentation. Send us comments or suggestions by email to <u>support@tzunami.com</u>. Be sure to include as much of the following information as possible:

- The document title.
- Source of document that was accessed from (either downloaded from Tzunami web site or the Tzunami Deployer Licensing Service Guide available in Tzunami Licensing Service).
- Section or chapter number and the original text found in the document.



When you send information to Tzunami Deployer, you grant Tzunami a non-exclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

# **1** PREREQUISITES FOR INSTALLING TZUNAMI DEPLOYER

This chapter provides information that you should review before installing Tzunami Deployer. It contains the following topics.

- System Requirements
- Network Requirements
- Permission Requirements

## **1.1.** System Requirements

The following table lists the system requirements for Tzunami Deployer Licensing Service.

Minimum Requirements			
2GHz Pentium processor or equivalent			
2 GB (Minimum); 4GB (Recommended)			
50Mb			
Windows Server 2008/2012, Windows Vista, Windows 7 & Windows 8 or above.			
If you are installing Tzunami Deployer Licensing on Windows Vista, Windows 7 or above, you must run the installation with administrative rights. This entails using the <b>Run as</b> <b>administrator</b> option, or turning off the User Access Control (UAC) feature of Windows Vista.			
x86 and x64			
Intranet/Internet access depending on connectivity requirements			
800 x 600, 256 colors (minimum); 1024 x 768 high color, 32-bit (recommended)			
Microsoft .NET framework 3.0 is required for Tzunami Deployer Licensing Service.			

#### **Table 1-1: Hardware Requirements**

## **1.2.** NETWORK REQUIREMENTS

The following table lists the ports that should be open for communication between the Tzunami Licensing Service machine, and the SharePoint front-end web-servers running Tzunami Deployer Remote Service.

Table 1-2: Communication between Tzunami Licensing Service andTzunami Deployer Remote Service

Service/Application	Function	Ports	Protocols
Tzunami Licensing Service	Tzunami Deployer Remote Service	8028	NET.TCP

### **1.3. PERMISSION REQUIREMENTS**

When you install the Tzunami Licensing Service please make sure that the user running the Tzunami Deployer Remote Service is part of the local Administrators group on the machine on which the Tzunami Licensing Service is installed.

# 2 INSTALLING TZUNAMI DEPLOYER LICENSING SERVICE

This chapter contains information about installing Tzunami Deployer Licensing Service, including the following topics:

- Installing Tzunami Licensing Service
- Configuring Tzunami Deployer and Tzunami Deployer Remote Service

## 2.1. INSTALLING TZUNAMI LICENSING SERVICE

#### To install Tzunami Licensing Service:

1. On one of the SharePoint front-end Web Servers, unzip the zip file and then run DeployerServiceComponentsSetup.msi. The Tzunami Deployer 3.3 Service Components Setup Wizard (Welcome window) will be launched. To advance through the install wizard, click Next on the bottom of each screen.



Figure 2-1: Welcome Window

2. In the End User Licensing Agreement panel, click "I accept the terms in the License Agreement" and click Next to continue installation.



Figure 2-2: End-User Licensing Agreement Window



You are advised to read the terms of the license carefully before proceeding with the installation. Unless you accept the license terms, the installation process cannot proceed.

- 3. In the Custom Setup panel, click the **Deployer Remote Service** and choose **Entire Feature will be installed on local hard drive** to install Tzunami Remote Service. Click the **Deployer Licensing Server** and choose **Feature will be installed on local hard drive** to install Tzunami Licensing Service. Click the **Deployer Link Resolver Service** and choose **Feature will be installed on local hard drive** to install Tzunami Link Resolver Service.
- 4. After selecting the component(s) to install, do one of the following:
  - To accept the default Destination Folder, click **Next**.
  - Click **Browse**, locate and select a destination folder, click **OK**, and then click **Next**.

🐻 Tzunami Deployer	3.3 Service Components S	Setup	)		—		×
Custom Setup Select the way you	u want features to be install	ed.				C	9
Click the icons in t	ne tree below to change the	way	features w	vill be inst	alled.		
	eployer Remote Service eployer Licensing Service eployer Link Resolver Service	2	Tzunami (	Deployer	Licensi	ng Servic	e
			This feati your hard		'es 626	1KB on	
Location:	C:\Program Files (x86)\Tzun	ami\				Browse	
Reset	Disk Usage		Back	Nex	t	Cano	:el

Figure 2-3: Custom Setup Window

5. In the Ready to installed Tzunami Deployer 3.3 Service Components panel, click Install.



Figure 2-4: Installing Tzunami Deployer 3.3 Service Components

6. In the Completed the Tzunami Deployer 3.3 Service Components Setup Wizard, click **Finish**.



Figure 2-5: Installation Complete Window

Verify the successful installation of the service by opening the **Services** window (Click **Start > Run** and enter **Services.msc**) and making sure the selected component(s) is running.



If the service is not running, check the Windows Event Log for entries pertaining to the Tzunami Licensing Service components.

## 2.2. CONFIGURING TZUNAMI DEPLOYER AND TZUNAMI DEPLOYER REMOTE SERVICE

Tzunami Deployer Remote Service is the component of Tzunami Deployer which is installed on the SharePoint Server. While committing a Tzunami Deployer project, Tzunami Deployer or Tzunami Deployer Remote Service checks the current license (includes quotas as per ECM's, Time Duration and number of operation) with Tzunami Licensing Service. For more information, see <u>Tzunami Deployer Installation Guide</u>.

To ensure successful migration, you must install and configure the Tzunami Deployer or Tzunami Deployer Remote Service to communicate with the Tzunami Deployer Licensing Service.



During commit a message will be prompted, informing you to renew the current license if the current license quota is lower than committed project.

To connect Tzunami Deployer Remote Service and Tzunami Deployer Licensing Service:

- 1. Click Start > All Programs > Tzunami > Deployer 3.3 Remote Service > Settings Manager.
- In Licensing Service Address, enter the Name or IP address of the machine where the Tzunami Licensing Service is installed. For more information, see <u>Tzunami Deployer</u> <u>installation Guide</u>.

🕾 Remote Service Settin	gs		×	
Address				
Licensing Service:	localhost			
Link Resolver Service:	localhost			
Service Timeouts	Hour	Minute	Second	
Receive timeout:	0	10 🜲	0	
Send timeout:	0	5 🜩	0	
Delays	Minute	Second	Milli Sec.	
Post upload wait time:	0		0	
Post update wait time:	0	0	0	
List read back time:	0	0	0	
Logging Level				
O Low				
Normal				
O High				
O Debug				
	OK		Cancel	

Figure 2-6: Remote Service Setting Window



This configuration is configured by default for the scenario where Licensing Service and the Tzunami Deployer Remote Service are installed on the same machine.

3. Click OK to Save.

To connect Tzunami Deployer and Tzunami Deployer Licensing Service:



You need to connect Tzunami Deployer and Tzunami Deployer Licensing Service while committing to SharePoint Online (including On-Premise and O365 Migration API modes). For more information see *Tzunami Deployer User Guide*.

- 1. Click Start > All Programs > Tzunami > Settings Manager 3.3.
- In Licensing Service Address, enter the Name or IP address of the machine where the Tzunami Licensing Service is installed. For more information, see <u>Tzunami Deployer</u> <u>installation Guide</u>.

🙆 Deployer Settings			×
Address			
Licensing Service:	localhost		
Link Resolver Service:	localhost		
Licensing Service	Hour	Minute	Second
Receive timeout:	0	10 🜩	0 ≑
Send timeout:	0	5 🌲	0 🔹
Link Resolver Service	Hour	Minute	Second
Receive timeout:	0	10 🌩	0 ≑
Send timeout:	0	5 🜩	0
	OK		Cancel

Figure 2-7: Deployer Settings Window

3. Click OK to Save.

# **3** TZUNAMI DEPLOYER LICENSING SERVICE

This chapter provides information about Tzunami Deployer Licensing Service. It contains the following topics:

- Overview
- Tzunami Deployer Licensing Service Workflow
- Setting LS License
- Setting Tzunami Deployer License
- Setting Tzunami Exporter Licenses
- Upgrading License

## **3.1. O**VERVIEW

Tzunami Deployer Licensing Service provides project managers with the centralized point of management for the Tzunami Deployer licenses. Tzunami Licensing Service monitors the migration process across the organization.

Together with its management console, Tzunami Licensing Service provides the project manager with an overview of the current license (including remaining quotas per source system, time limitations, etc.), and the ability to update new licenses provided by the Tzunami Support Team.

Lastly, Tzunami Licensing Service allows project managers to generate licenses for individual Tzunami Deployer installations, based on the license restrictions of the migration project license.

For any question regarding usage of Tzunami Licensing Service, or for updated licenses, please contact the Tzunami Support Team at <u>support@tzunami.com</u>.



## **3.2. TZUNAMI DEPLOYER LICENSING SERVICE WORKFLOW**

Figure 3-1 Tzunami Licensing Service Workflow

Tzunami Deployer performs migration of contents from source to target in different phases:

- **Phase I:** Extraction of source contents. This involves the use of specific exporters depending on the source ECM if ECM system is other than Microsoft SharePoint.
- Phase II: Loading of extracted contents into Tzunami Deployer project

Phase III: Uploading the changes/contents to Target SharePoint

You will need one or more licenses to perform different operations depending on the phase you are working on. Basically there are three types of licenses:

#### 1. Tzunami ECM Exporters License:

Tzunami ECM Exporter's licenses are required to export ECM contents. Each standalone exporter is installed with a default evaluation license which limits the number of items that can be extracted from each container. You must update Tzunami Exporter License to export ECMs contents in a consignment.



If you are running Tzunami Exporter for your source from within the Tzunami Deployer, you will not need to load license for the exporter. The license you load for the Tzunami Deployer will be applicable to the exporter as well.

#### 2. Tzunami Deployer License:

Tzunami Deployer license determines which source and target systems will be available to you while creating a migration project. You can generate your own Deployer licenses from the Tzunami Deployer Licensing service console explained below.

#### 3. Tzunami License Service License:

Tzunami License Service License is the license you need to acquire from Tzunami Support. This license is required by the licensing service component and determines the amount of data that can be migrated from the source system to the target SharePoint. When committing contents to the target SharePoint, Tzunami Deployer or Remote Service communicates with Tzunami Licensing Service to check the availability of license.

The steps involved in setting up a Licensing Service are:

- 1. Setting LS License
- 2. Setting Deployer License
- 3. Setting Exporter License

## **3.3. SETTING LS LICENSE**

When committing a project, Tzunami Licensing Service communicates with Tzunami Deployer or Tzunami Deployer Remote Service to check the Tzunami Deployer Licenses. For migrating ECM contents, the license must be valid with adequate quota available.

If a license has expired or if the available quota has been used up, you will be prevented from committing Tzunami Deployer project.

#### 3.3.1. Requesting Tzunami License

To setup a Licensing Service, you will need Licensing Service License (LSLIC) file from Tzunami support. Contact Tzunami support team at <u>support@tzunami.com</u> to purchase the license. After you receive the license file from Tzunami, you can browse and load the file into the Licensing Service Console. The console will now show you details about your license and the status. You will need to provide a Product Challenge Key from the Tzunami Licensing Service Console which is available on the machine where Licensing Service is installed.

#### To retrieve the Tzunami Licensing Product Challenge Key:

1. Click Start > All Programs > Tzunami > Deployer 3.3 Licensing Service > Licensing Service Console.





Figure 3-2: Tzunami Licensing Service Console window

- 2. Click **Copy**. This copies the Challenge Key to the clipboard.
- Paste the contents of the clipboard into an email and send it to the Tzunami Support Team at <u>support@tzunami.com</u>.

#### 3.3.2. Load Tzunami License

After sending current Product Challenge Key or LS License File to Tzunami Support Team, the next step is to load the new LS License file that is provided by Tzunami Support Team. You must upload the LS License file before committing Tzunami Deployer Project.

To load a new license in the Tzunami Licensing Service Console:

 Click Start > All Programs > Tzunami > Deployer 3.3 Licensing Service > Licensing Service Console.
 The Tzunami Licensing Service Console window appears (Figure 2.2)

The Tzunami Licensing Service Console window appears (Figure 3-2).

- 2. Click **Browse** and select the new LS License file received from the Tzunami Support Team.
- 3. The details of the new license will appear in the Tzunami Licensing Service Console window.

icenang Service	Deployer Lock Ucense				
Challenge Key				0.04	
License File				1 Date	
License Details:					
Ucense Issuer 1 Ucense Requeit Ucense Client II	er AderoidVenture Pvt. Ltd. 700185965874 ale: 5/30/2020 12:00:00 AM				
Source MOSS		#8.00 GB (100%)	88.00 GB	~	
Source Hummi	ngbird DM	88.00 GB (100%)	88.00 GE		
Source DocuS	hare	88.00 GB (100%)	88.00 GB		
Source Aquela	ngic	88.00 GB (100%)	88.00 GB		
Source Conflue	rice	58.00 G8 (100%)	88.00 GB		
Source Oracle	WCI	58.00 G8 (100%)	88.00 GE		
Source Sharef	forst 2010	88.00 GB (100%)	88.00 GB		
Source ShareP	ort 2013	88.00 GB (100%)	88.00 GB	_	
Source Share?	oest 2016	88.00 G8 (100%)	88.00 GE		
Source Sharef	loint 2019	88.00 GB (100%)	88.00 GB		
Source File/Net		88.00 GB (100%)	88.00 GB		
Source HCP		88.00 GB (100%)	88.00 GB		
Source HPECo	intent	8.80 GB (100%)	8.80 GB		
Source Sharef	foint Online	88.00 GB (100%)	88.00 GB		
Targets:		Remaining.	Total:		
Target MOSS		88.00 GE (100%)	88.00 GB		
Target ShareP	oint 2003	88.00 G8 (100%)	88.00 GB		
Target ShareP	oint 2010	88.00 GB (100%)	88.00 GE		
Target ShareP	orst 2013	88.00 GB (100%)	88.00 GB		
Target ShareP	ort 2016	88.00 GB (100%)	88.00 GB		
Target ShareP	and 2019	58.00 GB (100%)	88.00 GB		
Target ShareP	out Online	58.00 GB (100%)	88.00 GB	~	

Figure 3-3: Tzunami Licensing Service Console window



If an error message appears, contact the Tzunami Support Team at *support@tzunami.com*.

## **3.4.** SETTING TZUNAMI DEPLOYER LICENSE

Tzunami Deployer License Service determines which sources and targets are available to you while creating a migration project. Once you have your Licensing Service installed and configured, you have the ability to generate your own Deployer licenses for the different instances of Tzunami Deployer involved in the migration process.

#### 3.4.1. Generating Tzunami Deployer Licenses

Managers can generate Tzunami Deployer Licenses (LIC file) from License Service Console available on the machine hosting Licensing Service. The Deployer licenses that you can generate are the subsets of the Licensing Service license that you acquired from Tzunami.

The ability to generate licenses for Tzunami Deployer allows managers to reduce the overhead of communicating with the Tzunami Support Team for every new instance of Tzunami Deployer that they wish to use for migration, and allows managers to better control the use of Tzunami Deployer in their organization.

#### To generate a Tzunami Deployer license:

1. Run the Deployer, go to **Tools > Update License** and copy the challenge key from the License Update console.

🕾 License Update	×
Current License	
License generation date: 1/13/2019 1:52:32 PM License Issuer: License Requester: License Client ID:	^
License expiry date: 1/27/2019 1:52:32 PM Rule engine license: False	
Operations left on license: 500	
Evaluation settings: Evaluation version Remote evaluation version Exporters evaluation version	
Sources in the license: Source File System, Evaluation Source SharePoint 2003, Evaluation Source Exchange, Evaluation Source Lotus Notes, Evaluation	~
Challenge Key 48A39B2B-74C9-6452-8DA7-3E61EFD9AD0D	Сору
License File	Browse
Close	

Figure 3-4: Tzunami Deployer License window

2. Click Start > All Programs > Tzunami > Deployer 3.3 Licensing Service > Licensing Service Console.

The Tzunami Licensing Service Console window appears.

#### 3. Select the **Deployer** Tab.

enting 5	Service	Deployer Lock License					
Challeng	n Key:	48A39828-74C5-6452-8DA7-3E	61EFDSAD0D		Paste		
inuer:	suar Ucenang Service						
Request	80	Deployer3.3 A			-		
0.000		ngine editor					
	1000		Remaining Size		1		
Enable	d Type		Guote Guote	Total Sze Quota	Enable N		
	Source	e Aquelogic	88.00 GB	88 00 GB	Invert Enabl		
	Source	e Confluence	88.00 GB	88.00 GB			
	Sourc	e Oracle WCI	88.00 GB	88.00 GB			
	Source	e SharePoint 2010	88.00 GB	88.00 GB			
	Source	e SharePoint 2013	88.00 GE	88.00 GB			
	Source	e SharePoint 2016	88.00 GB	88.00 GB			
	Source	e SharePoint 2019	88.00 GB	88.00 GB	T.		
	Source	e FieNet	88.00 GB	88.00 GB			
	Source	e HCP	88.00 GB	88.00 GB			
	Source	e HPEContent	8 80 GB	8.80 GB			
	Source	e SharePoint Online	88.00 GB	88.00 GB			
	Targe	MOSS	88.00 GB	88.00 GB			
	Targe	sharePoint 2003	38.00 GB	88.00 GB			
	Targe	t SharePoint 2010	88.00 GB	88.00 G8			
	Targe	t SharePoint 2013	88.00 GB	88.00 GB			
	Targe	t SharePoint 2016	88.00 GE	88.00 GE			
	Targe	t SharePoint 2019	88.00 GB	88.00 GB			
12	Targe	ShinePoint Online	88.00 GB	188.00 GB	Generale K		

Figure 3-5: Tzunami Licensing Service Console window

- 4. Paste the Challenge Key retrieved from the Tzunami Deployer instance in step 1.
- 5. Optionally, fill-in the **Issuer** and **Requester** fields. These fields can be used by the project manager to keep track of issued licenses.
- 6. Check the **Allow Rule Engine editor** flag to allow users to modify Tzunami Deployer Rule Sets with the Rule Engine editor.
- 7. Select the sources and target systems to enable in the Tzunami Deployer.

#### 8. Click Generate Key File.

9. Load the generated license key file in Tzunami Deployer License Update window (refer to step 1) to update its license.

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If an error message appears, contact the Tzunami Support Team at <a href="mailto:support@tzunami.com">support@tzunami.com</a>.

To evaluate Tzunami Deployer, you do not need Tzunami Licensing Service. If you need Tzunami Deployer evaluation license, please contact Tzunami Support.

## **3.5.** SETTING TZUNAMI EXPORTER LICENSES

Each standalone Tzunami Exporter is installed with a default evaluation license which is limited to time and number of items that can be extracted from each container. If you are running Tzunami Exporter as a separate standalone component (not from within the Tzunami Deployer), you will need to setup a Tzunami Exporter License to be able to extract source contents.

#### 3.5.1. Generating Tzunami Exporter License

To request a new License file, contact the Tzunami Support Team at <u>support@tzunami.com</u>. For this purpose you need to provide the Product Serial Code, and then enter the License Key you received back from the Tzunami.

Project manager can Generate License Key file from License Service Console.

To retrieve the Tzunami Deployer Product Serial Code:

1. Run the Tzunami Deployer and go to **Tool > Update License**. The License Update window appears.

8 License Upd	ate	
Current License		
License genera License Issuer: License Reque License Client I		^
License expiry o Rule engine lice	date: 1/27/2019 1:52:32 PM ense: False	
Operations left	on license: 500	
Remo	ngs: lation version ters evaluation version ters evaluation version	
Sour	icense: se File System, Evaluation se SharePoint 2003, Evaluation se Exchange, Evaluation se Lotus Notes, Evaluation	Ŷ
Challenge Key	48A39B2B-74C9-6452-8DA7-3E61EFD9AD0D	Сору
License File	E	rowse
	Close	

Figure 3-6: Tzunami Deployer License window

- 2. Click Copy. This copies the Product Serial Code to the clipboard.
- Paste the contents of the clipboard into an email and send it to the Tzunami Support Team at <u>support@tzunami.com</u>. For more information, see Generating Tzunami Deployer Licenses on page 3-14.

#### 3.5.2. Loading Tzunami Exporter License

After sending current Product Challenge Key or License File to Tzunami Support Team, the next step is to load the new License file that is provided by Tzunami Support Team. You must upload the License file before export Source ECM contents.

#### To load the Tzunami Deployer license:

- 1. Run Tzunami Deployer 3.3 and go to **Tool > Tzunami License Update**. The Deployer License window appears (**Figure 3-6**).
- 2. Click **Browse** and select the new License key file received from the Tzunami Support Team.



If an error message appears, contact the Tzunami Support Team at <a href="mailto:support@tzunami.com">support@tzunami.com</a>.

To evaluate Tzunami Exporters you do not need Tzunami Deployer Licensing Service. If you need Tzunami Exporter evaluation license, please contact Tzunami Support.

## **3.6. UPGRADING LICENSE**

#### 3.6.1. Update LS License File

Tzunami Licensing Service updates the remaining quota out of total purchased quota. During migration if you realize that the remaining quota is not sufficient to cover the entire migration or require other licenses, you may need to request addition quota from Tzunami Support and upgrade your license.

To update/change a license in the Tzunami Licensing Service Console:



Do not perform this action unless explicitly instructed by the Tzunami Support Team.

1. Click Start > All Programs > Tzunami > Deployer 3.3 Licensing Service > Licensing Service Console.

The Tzunami Licensing Service Console window appears (Figure 3-3).

2. Select Lock License Tab.

Licensing Service Deployer Lock License	
Please read carefully before locking the license:	
Looking the license will render your Licensing Service unusable and prevent you from committing a Deployer unit you load a new license.	using Taunami
Please do not proceed unless instructed explicitly by the Taunami Support Team.	
$\overleftarrow{\operatorname{constant}}$ i understand the meaning of locking the locense and I wish to continue.	
Save Loores & Lock	

Figure 3-7: Tzunami Licensing Service Console window

- 3. Read the message carefully and select '*I understand the meaning of locking the license and I wish to continue*' option in the **Lock License** tab. This will enable **Save License & Lock** button.
- 4. Click Save and Lock License.

Licensing Service Console window appears asking you 'Please type the "licensing service" in the textbox below'.



Figure 3-8: Licensing Service Console window

- 5. Type 'licensing service' in the Text box and Click **Ok**.
- 6. Save and send the LS Licensing File, along with the challenge key, to Tzunami Support Team at <u>support@tzunami.com</u>.After receiving an updated LS License file from the Tzunami Support Team, load the license into Tzunami Licensing Service Console. For more information about loading new LS License file, see Load Tzunami License on page 3-13.



If an error message appears, contact the Tzunami Support Team at <a href="mailto:support@tzunami.com">support@tzunami.com</a>.

# **4** COPYRIGHT AND TRADEMARK

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For further information, you can contact Tzunami Inc. at:

Tzunami Inc.

601 108th Avenue, NE

Suite 1900

Bellevue, WA 98004, USA

Email: sales@tzunami.com, support@tzunami.com

Web: http://www.tzunami.com