



# Using ArcReader™ and ArcGIS™ Publisher

*GIS by ESRI™*

Copyright © 2002 ESRI.

All Rights Reserved.

Printed in the United States of America.

The information contained in this document is the exclusive property of ESRI. This work is protected under United States copyright law and the copyright laws of the given countries of origin and applicable international laws, treaties, and/or conventions. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, or by any information storage or retrieval system, except as expressly permitted in writing by ESRI. All requests should be sent to Attention: Contracts Manager, ESRI, 380 New York Street, Redlands, CA 92373-8100, USA.

The information contained in this document is subject to change without notice.

### **CONTRIBUTING WRITERS**

Mark Bockenhauer and Kristin Clark

### **U. S. GOVERNMENT RESTRICTED/LIMITED RIGHTS**

Any software, documentation, and/or data delivered hereunder is subject to the terms of the License Agreement. In no event shall the U.S. Government acquire greater than RESTRICTED/LIMITED RIGHTS. At a minimum, use, duplication, or disclosure by the U.S. Government is subject to restrictions as set forth in FAR §52.227-14 Alternates I, II, and III (JUN 1987); FAR §52.227-19 (JUN 1987) and/or FAR §12.211/12.212 (Commercial Technical Data/Computer Software); and DFARS §252.227-7015 (NOV 1995) (Technical Data) and/or DFARS §227.7202 (Computer Software), as applicable. Contractor/Manufacturer is ESRI, 380 New York Street, Redlands, CA 92373-8100, USA.

ESRI, the ESRI globe logo, ArcReader, ArcGIS, the ArcGIS logo, GIS by ESRI, ArcMap, Geography Network, ArcCatalog, ArcSDE, ArcIMS, and [www.esri.com](http://www.esri.com) are trademarks, registered trademarks, or service marks of ESRI in the United States, the European Community, or certain other jurisdictions.

Other companies and products mentioned herein are trademarks or registered trademarks of their respective trademark owners.

# ArcGIS Publisher tutorial

# 5

## IN THIS CHAPTER

- **Exercise 1: Publishing a map**
- **Exercise 2: Customizing ArcGIS Publisher settings**
- **Exercise 3: Using ArcGIS Publisher security settings**

The best way to learn ArcGIS Publisher is to try it yourself. This tutorial guides you through the process of converting your ArcMap map document into a published map you can use in ArcReader.

Exercise 1 shows you how to publish a map as well as how to get help with Publisher.

Exercise 2 walks you through different ways that you can publish a map. For example, you can decide what functionality is included with your map or specify whether the published map can be viewed in Data view, Layout view, or both.

Exercise 3 shows you how to publish a map that is password protected.

Each exercise in this tutorial takes about 10–15 minutes to complete. You have the option of working through the entire tutorial at once or completing each exercise one at a time.

Before you begin, install Publisher and the ArcReader tutorial data. To install the data, run the Tutorial setup during the ArcGIS Desktop installation or independently. For more information on how to install tutorial data, look at the ArcGIS Desktop installation guide for your platform.

## Exercise 1: Publishing a map

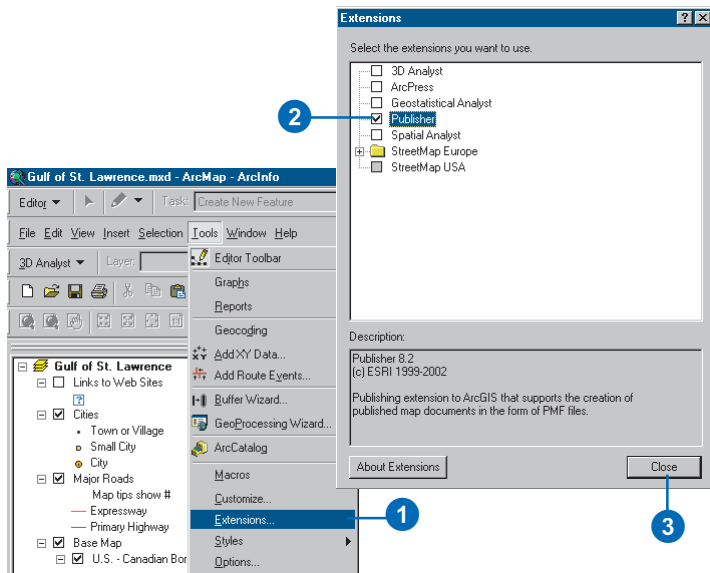
### Choosing a map to publish

This exercise uses the Gulf of St. Lawrence.mxd file located in the ArcReader tutorial data. However, it is possible to do this exercise with any map document.

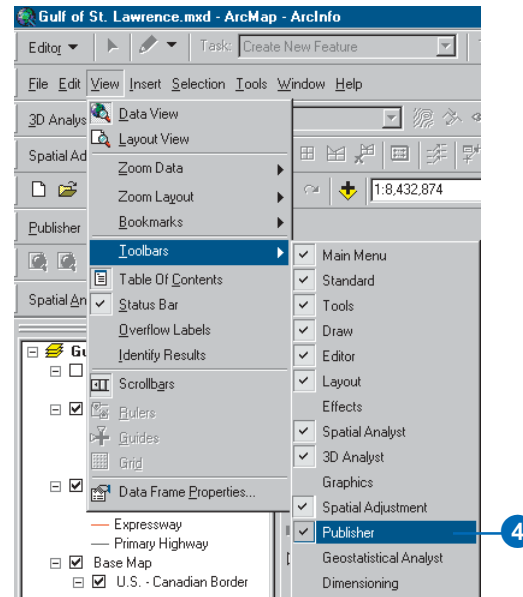
1. Click Start, point to Programs, point to ArcGIS, then click ArcMap.
2. Open the Gulf of St. Lawrence.mxd file (located in the \ArcTutor\ArcReader and Publisher folder).

### Enabling and loading the Publisher toolbar

1. Click the Tools menu and click Extensions.
2. Check Publisher in the Extensions dialog box.
3. Click Close.



4. Click View, point to Toolbars, and click Publisher.



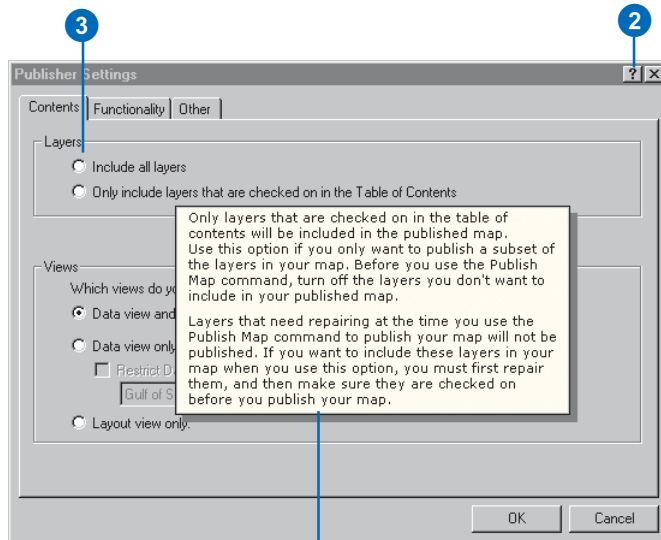
The Publisher toolbar appears.



## Using context-sensitive help to get more information about Publisher

Context-sensitive help provides information about parts of the application interface. Click the Help button or press Shift+F1 while holding the pointer over the command you would like more information about.

1. Click the Publisher menu and click Settings.
2. Click the Help button (the small question mark next to the Close button).
3. Click the option, button, or command you want more information about.
4. Click Cancel.



Context-sensitive help

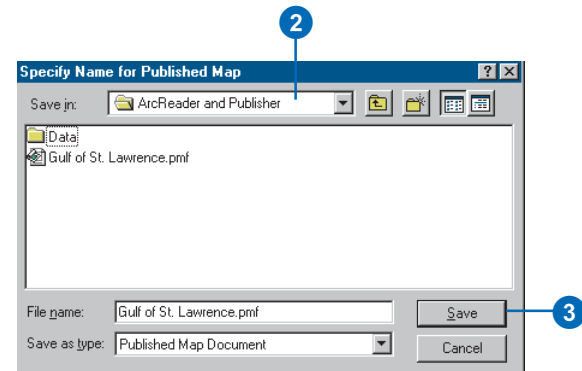
## Publishing a map using the default settings

1. Click Publisher and click Publish Map.
2. Use the file browser to name and select the output location for the published map.



3. Click Save.

You have just published a map.





## Viewing the map in ArcReader

Please note that ArcReader is installed with a Complete installation of ArcGIS Desktop. If you did not choose to add ArcReader during the initial installation, it can be added later. Please refer to the ArcGIS Desktop installation guide located in the Documentation folder on the CD.

After you have published a map, it's a good idea to open it in ArcReader to ensure that the map is published as expected.

1. Click Start, point to Programs, point to ArcGIS, then click ArcReader.
2. Click File and click Open.

The Select Published Map Document dialog box appears.

3. Navigate to the directory where the map was saved.
4. Double-click to open your published map.

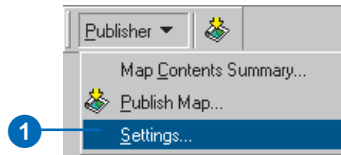
In this exercise, you learned how to set up a map to publish using ArcGIS Publisher. In the next exercise, you will learn how you can customize ArcGIS Publisher settings in order to publish your map exactly the way you want it.

## Exercise 2: Customizing ArcGIS Publisher settings

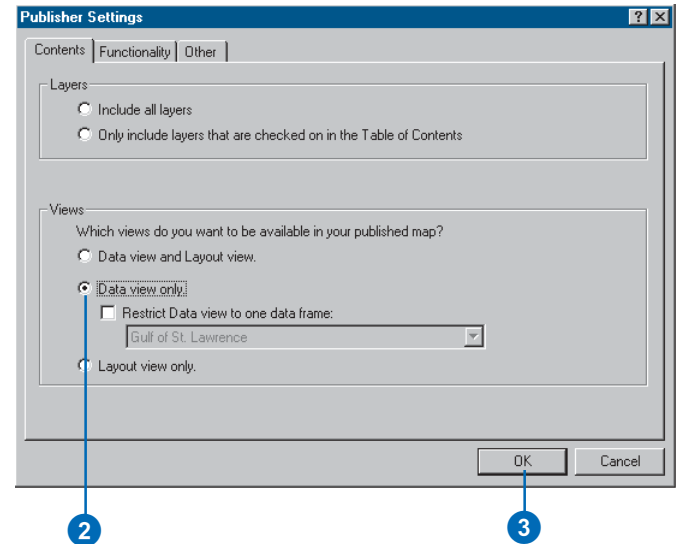
Publisher lets you adjust the settings of your map when you publish it. Having control over the way your map is published serves a variety of purposes, from making it easier for ArcReader users to interact with a complex map to protecting sensitive data. Selecting the proper settings can help make the map more useful for its intended audience.

### Publishing a map in Data view only

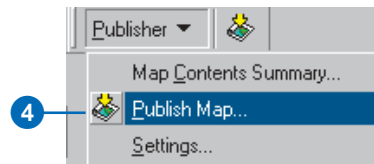
1. Click the Publisher menu and click Settings.



2. Click the Contents tab and click the Data view only button.
3. Click OK.



4. Click Publisher and click Publish Map.



5. Choose an output location for the map and click **Save**.

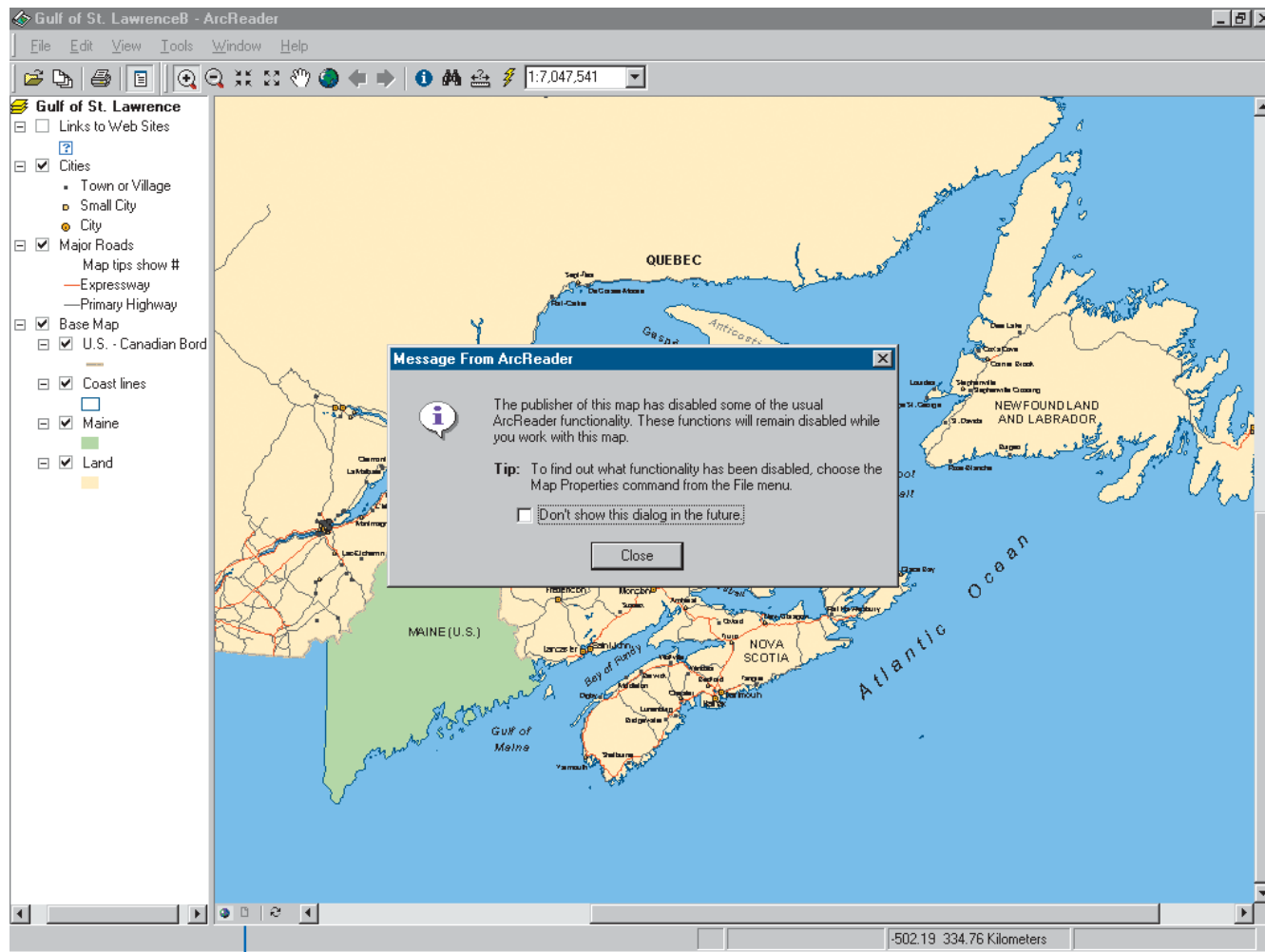
If you try to save the map with the same name as a map that you have previously published, you will be asked if you want to overwrite the map. Click **No** and give the map a new name.

After you have saved the map, open it in ArcReader to ensure that it was published with only **Data** view enabled.

The graphic on the following page illustrates what your map should look like in ArcReader once you have published it with only **Data** view enabled.



When the map is opened in ArcReader, a message displays that alerts the map user to disabled functionality.



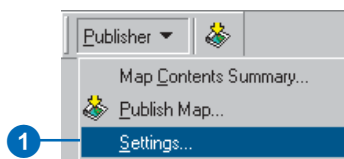
The Layout view button is disabled.

*This is an example of a map published with only Data view enabled.*

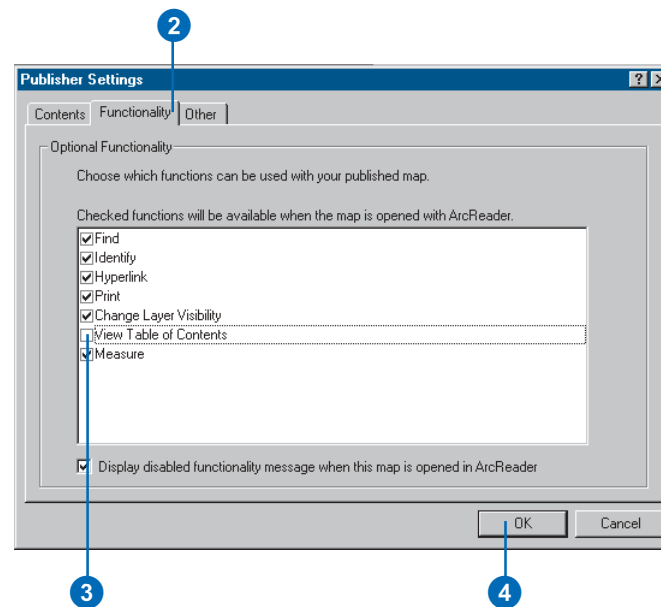
## Publishing a map without a table of contents

Sometimes you may need to publish maps with reduced functionality to protect data or to meet special needs of your audience. Publisher lets you publish maps with reduced functionality, allowing you to tailor the ArcReader experience for a particular purpose. The following steps demonstrate how to turn the table of contents off. You can follow the same steps to reduce other functionality in your map, depending on your needs.

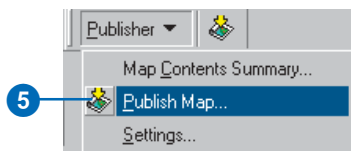
1. Click Publisher and click Settings.



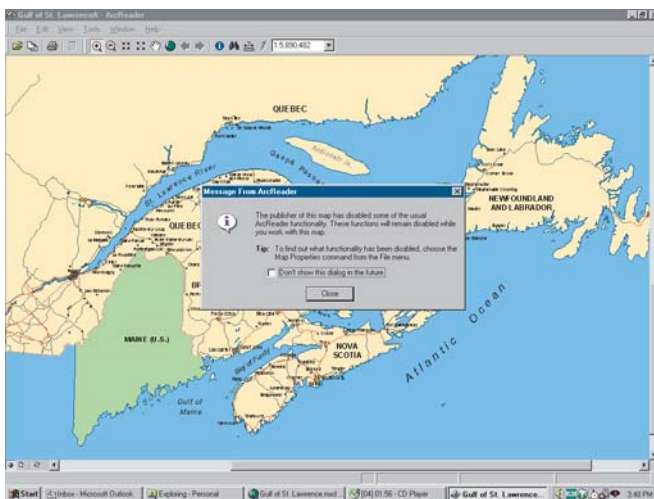
2. Click the Functionality tab.
3. Uncheck View Table of Contents.
4. Click OK.



5. Click Publisher, click Publish Map, and save the map to an output location.
6. Open ArcReader and navigate to the directory where you saved your map.



The table of contents does not appear.



*The message notifies the user that some commands or tools have been disabled.*

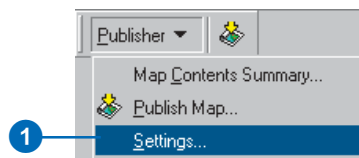
In this exercise, you saw how to publish a map without a table of contents. In the following exercise, you will learn how to use the security settings in Publisher to control who can access the data in your published map.

## Exercise 3: Using ArcGIS Publisher security settings

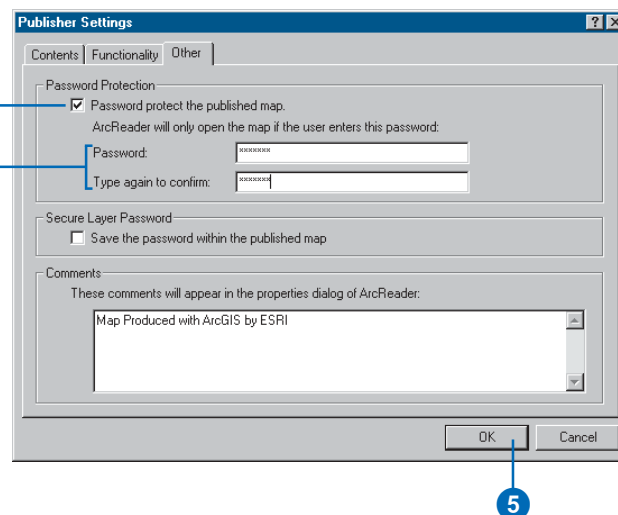
There may be times when you want to control who can access your published map or the data in the map. In cases like this, you can publish your map so a password is required to open it in ArcReader. Publisher honors data source passwords and allows you to add another layer of security by password-protecting a published map.

### Publishing a map that is password protected

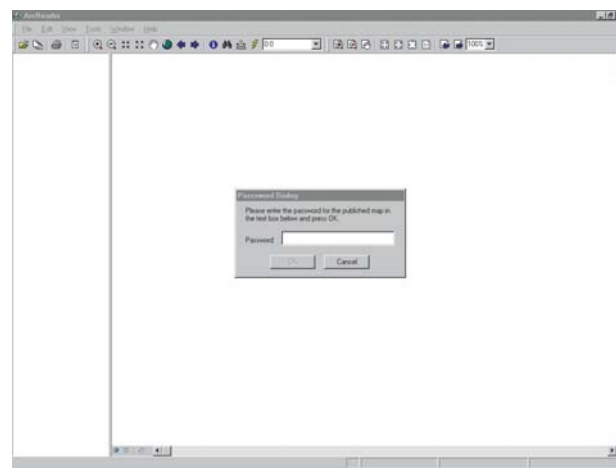
1. Click Publisher and click Settings.



2. Click the Other tab.
3. Check the Password protect the published map check box.
4. Enter a password and confirm the password.
5. Click OK.
6. Click Publish Map and save the map to an output location.



7. Reopen ArcReader. You are now prompted to enter a password before the map displays.



*ArcReader prompts for a password when the map is opened.*

In this tutorial, you have been introduced to some functions of ArcGIS Publisher. You learned how to change the Publisher settings to publish a map that effectively conveys the information that you want. You also saw how to view your published map in ArcReader and how to set security on your published map. For more information on Publisher, please refer to the ArcGIS Desktop Help system. To get information about specific dialog boxes, options, or commands, use the context-sensitive help.

