ArcGIS Licensing and Copy Protection

The mechanism to validate and enable your purchased ArcGIS Software

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Session Agenda

- Single Use License Model
- Concurrent Use License Model
- License Models for Other Products
- Timeline of Functionality
- Useful Information
- Resources and Questions
Single Use License Model
License Models – Single Use

Esri Customer Service

ArcGIS for Desktop

ArcGIS for Engine

Esri CityEngine
Concurrent Use License Model

(AKA Floating License Model)
License Models – Concurrent Use

ArcGIS License Manager

Authorization

Check-out

Check-out

Check-out

Borrow

ArcGIS for Desktop (offline)

ArcGIS for Desktop

ArcGIS for Engine

Esri CityEngine

Esri Customer Service
## License Models – Other Products

<table>
<thead>
<tr>
<th>ArcGIS for Server</th>
<th>ArcGIS for Portal</th>
<th>ArcGIS Runtime SDK</th>
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</thead>
<tbody>
<tr>
<td>Nodelocked</td>
<td>Nodelocked</td>
<td>Developer license – No authorization required</td>
</tr>
<tr>
<td>No deauthorization – (uninstall and reinstall)</td>
<td>Enables a quantity of named users</td>
<td>Deployment license – Named user or embedded license string</td>
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<tr>
<td></td>
<td>Reauthorize to add additional named users</td>
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### Timeline of Functionality

<table>
<thead>
<tr>
<th>10.0</th>
<th>10.1</th>
<th>10.2</th>
<th>10.3 (planned)</th>
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<tbody>
<tr>
<td>Customer Care Portal</td>
<td>One step license upgrade (10.0 → 10.1)</td>
<td>Install upgrade of license manager</td>
<td>My Esri replaces Customer Care Portal</td>
</tr>
<tr>
<td>Desktop Advanced</td>
<td>Force check-in of concurrent use</td>
<td>No license upgrade or reauthorization required</td>
<td>Continued streamlined install/upgrade process</td>
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<tr>
<td>(ArcInfo) Single Use</td>
<td>features</td>
<td></td>
<td></td>
</tr>
<tr>
<td>introduced</td>
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<tr>
<td>ArcGIS Engine Concurrent</td>
<td>Selective deauthorization</td>
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<td>Automatic retrieval of hung concurrent use licenses</td>
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<tr>
<td>Use introduced</td>
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<tr>
<td>Borrowing introduced</td>
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<td></td>
<td>ArcGIS Pro to be introduced using Named User model</td>
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</tbody>
</table>

**ArcGIS Licensing and Copy Protection**
Useful Information
Helpful things to know…

• License upgrade process applies to 10.0 † 10.1-10.3 licenses only

• To specify a backup license server, use semi-colon delimiter, e.g. LM1;LM2

• License Manager restarts automatically on Windows reboot, but not Linux or Solaris.
  • Instructions are included in the license.boot file installed in license10.x/bin.

• To configure concurrent use licensing to work through a firewall:
  • Set vendor and lmgrd daemon TCP/IP ports using service.txt found in install directory; lmgrd daemon uses ports 27000-27009. Vendor daemon can use any preferred port.
  • In ArcGIS Administrator use “port@host” or “port@ipaddress”. Port is always the lmgrd port. E.g. 27000@mylicmgr

• For network latency, FLEXLM_TIMEOUT environment variable can be set to override the default timeout. Value is in microseconds, thus 15 seconds=15000000
Resources

• **My Esri Guided Tour** – Must be logged in to view

• **Quick Start Guides** – The minimum you need to know to get going.

• **License Manager Reference Guide**
  - Also installed with License Manager software
  - Options file instructions also included

• **Problems or Questions?**
  - Technical/Authorization Issues ‡ [Esri Technical Support](#) or Local Esri Distributor
  - License Availability or Purchases ‡ [Esri Customer Service](#) or Local Esri Distributor
Thank you...

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  First Offering (Tue, July 15) ID: 1714
  Second Offering (Wed, July 16) ID: 1738

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