

## Data Call for ESRI Licenses

### General Instructions: (Rev. 5/31/01)

#### Use of Tivoli

One tool which may be useful in the identifying machines with installed ArcView NT software is Tivoli. If Tivoli has been fully deployed in your state or center, check with your IRM staff to see if a report can be generated. This may save significant research time. Cautions: 1) Tivoli may not be capable of counting ArcView extensions. 2) Tivoli will probably not be useful in counting ArcInfo licenses (it apparently can't extract the number of licenses from the license.data files), nor for counting ArcView licenses on the UNIX side.)

#### Consolidation (pooling) of licenses

Consolidating licenses onto a limited number of servers: Remember that the recommendation is to concentrate the ArcInfo licenses onto a limited number of servers within each state, except for laptops and other machines with stand-alone requirements such as in fire situations. Pooling available licenses will help us meet current and projected needs, even if the number of licenses is reduced.

This data call sets the stage for transfers by identifying machines from which licenses can be transferred or surrendered. But no transfers will actually be made nor will new keycodes be generated at this time.

#### Coordination required

In order to process this data request, you will need to coordinate with IRM and GIS staffs within your state. This includes not only the designated person in the state/center who handles the licenses, but local staff who can confirm what licenses are installed and what the needs are. You will also need to coordinate with your State or Center CIO to de-certify any ALMRS licenses.

#### Standardizing hostnames

Some machines on the list do not conform to the BLM standard hostname convention. Examples of standard hostnames are nm0881, id0327, sc0446, etc. Examples of non-standard hostnames are sys6, tokmup, etc. If these names have already been corrected on your machines (and in the license files), then indicate this information in the corrected spreadsheet. If not, you will need to get with your IRM staff and assign a proper hostname to your machine(s). Please note that this request is attempting to standardize the hostnames on computers that contain ESRI license managers at this time. Based on ESRI's list, they are the only computers that we know of that show nonstandard hostnames. See more under "Specific Instructions."

### Completeness and accuracy

Be sure to look at and use the actual ESRI license files (license.dat) to compare ESRI's spreadsheet values with your installed license files. Do not rely on copies of old notes or cuff records you might have kept.

**Do not add** any machines (UNIX or NT) that just get their licenses from a central server. However, if a machine is pointed to a central server but also has its own license files, then do include it on the list.

Please provide any word processing/text document that will help identify confusing situations and make it faster for the person compiling the results. If the comment is short, you may use the last column in the spreadsheet, which has been included for this purpose.

Please make sure you provide all needed information, especially identifying any machines from the "Unknown" list. **Please look over this “unknown” information carefully and identify any machines that are yours.** Put info on these machines into your state-specific spreadsheet. Follow the above procedures to get their hostnames changed to the standard. You will need to coordinate with IRM on this. Following this guidance will minimize the need for follow up phone calls and emails. The objective is to have this exercise done in time for the deployment of the new Arc 8.1 licenses during late June.

If you have purchased any ESRI licenses outside of (that is, not using) the Forest Service contract with IBM/ESRI (referred to later as simply “the Forest Service” contract), then list the extensions (e.g. ArcInfo, GRID, ArcView, AV Spatial Analyst, etc.) and the quantity for each of them. Indicate clearly that these are from separate contracts and should not count against the maximum count in the Forest Service contract. Indicate the ESRI customer number and other pertinent information in the last (“Comments”) column in the spreadsheet, or in a separate document, as covered in the above item.

### Making the corrections in Excel

You will need Excel to view and make any corrections with the data. Your response should include an electronic copy of the spreadsheet containing the corrections and/or additions for your state or center. Use your state-specific Excel spreadsheet to make the changes. The Bureauwide spreadsheet is enclosed for your reference only; do not edit it.

For ArcInfo and its extensions (TIN, GRID, etc.) the spreadsheet lists the machines that have license managers. If the machine info and number of licenses is correct, don't make any changes. If the character data (i.e., non-numeric data) is incorrect, edit the cell by placing the correct name after the incorrect name, (e.g. "GSMO-GIS now ut1987"), and highlight the cell in green. If the quantities are incorrect according to the installed license file (license.dat), put in the correct quantities and color the box(es) green to indicate a change has been made (Don't put the old number and the new number in the same box). This will make it much easier for the person compiling the results.

Please do the math. Make sure the total number of licenses for each product (Arc, GRID, etc.) from the license files for your state or center matches the numbers in ESRI's spreadsheet, or else indicate why the numbers are different. For example, if the ESRI spreadsheet shows that Colorado has 70 GRID licenses, make sure the corrected list submitted by Colorado totals 70 licenses, even though changes may have been made in individual machines. This will help ensure that we haven't lost any licenses in the process. You may find it helpful to look at your original records, when the first distributions were made under the new contract (1997).

## **Specific instructions, by Part**

### **Part 1 (UNIX)**

### **Part 2 (NT)**

Edit the Excel spreadsheet as necessary. You will have to add rows in the NT section to cover ArcView NT use. Also, you will be adding rows for any machines from the "Unknown" list that belong to your state or center.

The last row contains formulas for summing the columns, and should be unaffected if you insert rows above it. Also, the document defaults to 75% zoom. You can modify for your own use. The default for printing is for letter size.

**hostid**            The hostid should contain the UNIX UNAME (as found on the individual machine, such as ab0c04c; the syntax to get the UNAME at the UNIX prompt is `uname m`); or the sentinel key number (NTs only; usually starts with 3711).

If the hostid is correct, no action is needed.

If the hostid is not correct, then enter the correct hostid. Color this cell **green** so that the change is obvious in the spreadsheet you return to WO. New keycodes will have to be generated by ESRI in these cases, since the hostid is encrypted into the license file and cannot be changed by the user. Please use the ESRI transfer form and coordinate with Wayne Shepherd on such requests.

**hostname**        The hostname should follow the current IRM hostname naming standard, with a two character abbreviation for the state or center, followed by a 4-digit number (e.g., mt1002, nv2990, etc.). We are not requesting you to convert to the proposed new hostname standard, which will have a 9-character format.

If the hostname is correct, no action is needed.

If the hostname is not correct, then enter the correct hostname in your state spreadsheet. You'll need to get the new hostname from the IRM staff. Color this cell green so that the change is obvious. You will also have to have an authorized person edit the license.dat file. Unlike the hostid, changing the hostname does not require new keycodes from ESRI, [In order to properly track the licenses in spreadsheet, however, any future changes will have to be reported by your state contact to ESRI, with a copy to Wayne Shepherd (WO-550).]

office code This column shows the location of the field office, district office, state office, center, or Washington Office Directorate where the ESRI software is loaded. The first 4 characters of the Bureau's Organization Codes and Names (Data Element 1428) contain the level of detail required for this data call. An electronic copy of these names and codes has already been sent out under separate cover to your GIS staffs, but can also be accessed through the Corporate Metadata Repository on the intranet at [http://web.blm.gov/CDD/cmr\\_home.htm](http://web.blm.gov/CDD/cmr_home.htm).

For each row in your state- or center-specific spreadsheet, enter the first four characters of the office code column. For example, Montana, Billings Field Office = MT01; Nevada State Office, Division of Support Services = NV95; Oregon, Lakeview District, Klamath Falls Resource Area = OR01. It is recognized that different resource areas, branches, or sections may have the same 4-character code, which is fine. In a few cases, because of the varied Bureau organization (e.g., two-tier vs. three-tier), different field offices may have the same 4-character code as well.

site# This info is not required nor used; no action is necessary. The site#, however, may provide a clue as to location where the license originally was located. These numbers correspond to the old CSC (ALMRS) contract site locations.

CPU serial # Enter this info for both UNIX and NT machines.

“now” columns (ArcInfo etc.)

This will correspond to the number of licenses found in the license manager for that particular product (e.g., GRID, TIN, etc.). These numbers came from ESRI. Flag any discrepancies with the installed license.dat files.

“use” columns (ArcInfo etc.)

This field is intended to indicate the number of concurrent licenses your office actually uses for each product. This number may be equal to, less than, or more than the number of licenses that ESRI has identified on the spreadsheet. Do not list the number of licenses you want to use, just list the number of licenses your office actually uses.

“ESRI count - ArcView” etc)

These numbers came from ESRI.

“BLM count - ArcView” etc.)

Enter here the actual number of users for each machine. On the UNIX side, these numbers are expected to match the “ESRI count”, since it’s what is contained in the actual license files. On the NT side, the likely value would 1 for ArcView, then either 0 or 1 for the extensions.

“BLM use - ArcView, etc.”

Enter the number of licenses actually used. On the UNIX side, this number may be different from the ESRI count or BLM count, since this is the total number of users. On the NT side, the likely value would 1 for ArcView, then either 0 or 1 for the extensions.

### **Part 3 (ALMRS)**

The only action needed here is to have your State or Center CIO confirm that any licenses listed below for your state are no longer in use.

If any of the licenses on ESRI’s list are found to be active then please de-certify the licenses immediately and coordinate this with Wayne Shepherd at (WO-550) at 202-452-0317.