



Infinite Integration

OpenSpirit Licensing Overview

March 2008 Webcast
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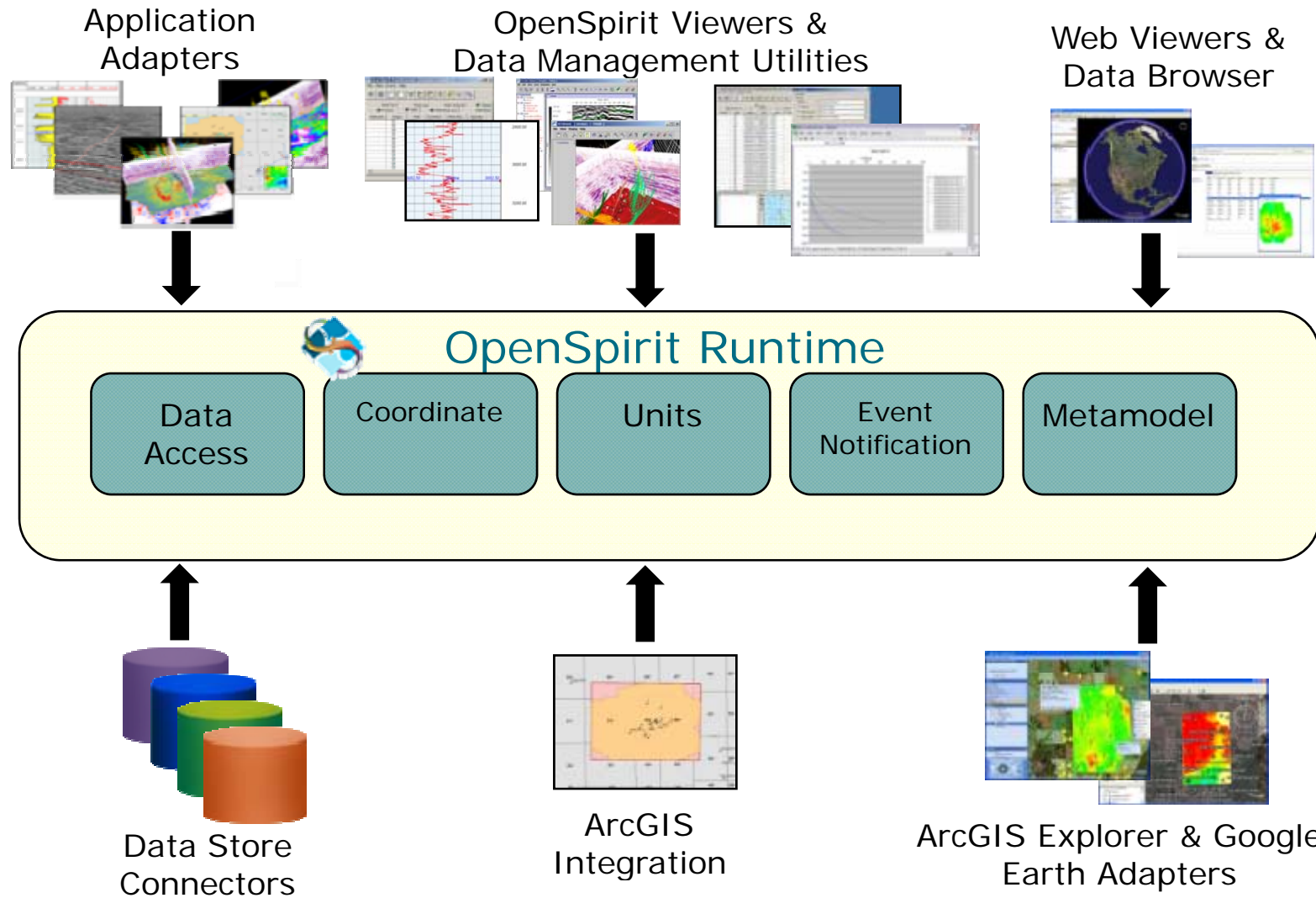
Today's Agenda



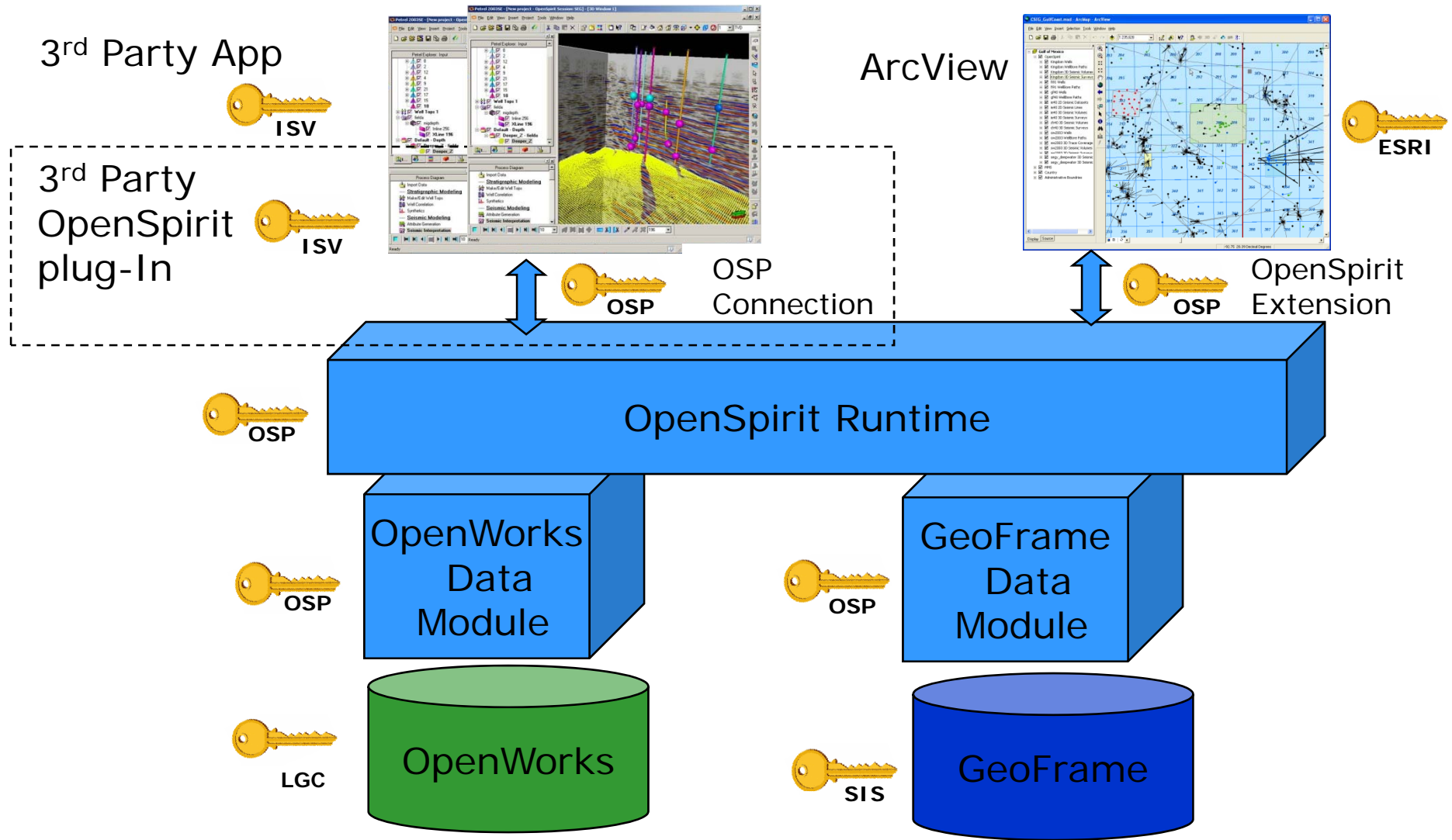
- Brief Introduction to OpenSpirit Framework
- Introduction to OpenSpirit licensing
- OpenSpirit Licensing Scenario
- Requesting a License
- Quick look inside the License file for v2 & v3 Licenses.
- Running v2.9.x and v3.x using the same License file.
- License Manager Utility
- Universal Application Adapter



OpenSpirit Integration



OpenSpirit Licensing Scenario



All OpenSpirit licenses are per concurrent user

Requesting an OpenSpirit License



Where to request a license?

- Email support@openspirit.com
- Submit request via <http://www.openspirit.com/requestevaluation.html>
- Contact your Account Manager

What information to send with a request?

- Send a valid host id
- Send information about your workflow, number of users, old license file, etc.
- Evaluation licenses v/s Purchases.



How to find a valid host id?



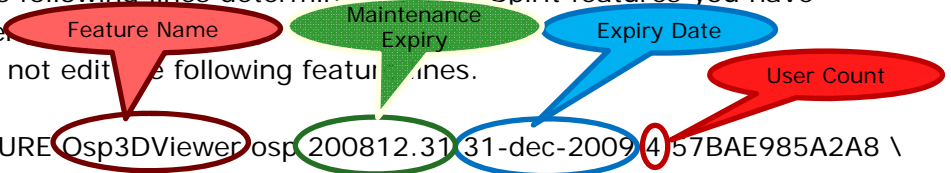
- **Windows** – From the command shell type “ipconfig /all”
12-digit alphanumeric Host id for Windows is displayed as the Physical Address (also known as the Mac address).
- **Solaris** – In a Xterm type “hostid”
8-digit alphanumeric Host id for the machine will be displayed.
- **Linux** – In a Xterm type “ifconfig”
12-digit alphanumeric Host id is displayed as the Hwaddr for eth0.



What's in a License File?



```
# The hostname and port number can be edited if required.
# SERVER <host name> <host id> <tcp port>
#
SERVER diamond 001b78732b6e 27001
VENDOR osp
USE_SERVER
#
# The following lines determine the OpenSpirit features you have
# license
# Do not edit the following feature lines.
#
FEATURE Osp3DViewer osp 200812.31 31-dec-2009 4 57BAE985A2A8 \
    DUP_GROUP=U ck=162 SIGN="0164 D56F 2803 E695 6AF5 040F 5E6A \
    580C D176 D48C 9402 CCDB 0542 6C13 CB86 3B82 8FD3 5828 0562 \
    F3AA AAE2"
FEATURE OspDataSelector osp 200812.31 31-dec-2009 4 598919A16D86 \
    DUP_GROUP=U ck=83 SIGN="0317 2F61 4BB9 18ED A310 ECD3 08AC \
    5EEA 1CD8 8287 0402 AD44 BB4E 56EA 3B2D B37E D27B 746D 7CBF \
    D81E 064D"
FEATURE OspRuntime osp 200812.31 31-dec-2009 4 454E8C05A539 \
    DUP_GROUP=U ck=71 SIGN="004D 6309 9134 A819 44C1 E254 EC19 \
    D700 23B6 EC09 F302 A99E 2B55 B802 E67D F5F6 28AE F19B 2B12 \
    23D2 2D3E"
```



OpenSpirit Release Dates



Recent Releases

- v3.1.0 – January 31, 2008
- v3.0.2 – October 19, 2007
- v3.0.1 – July 13, 2007
- v2.9.4 – June 4, 2007
- v2.9.3 – February 23, 2007
- v3.0.0 – December 29, 2006

Upcoming Release

- v3.1.1 – April 2008

v2 & v3 License Feature Keys



Sample OpenSpirit v2 License Feature Key for OpenWorks/SeisWorks

```
FEATURE OpenWorksEvent osp 200812.31 31-dec-2009 1 2AF37BB205CB \  
  DUP_GROUP=U ck=123 SIGN=F51608003940  
FEATURE OpenWorksWell osp 200812.31 31-dec-2009 1 909D585721DE \  
  DUP_GROUP=U ck=140 SIGN=99554D06C4AC  
FEATURE SeisWorks2d osp 200812.31 31-dec-2009 1 DBEEA2DFFF26 \  
  DUP_GROUP=U ck=175 SIGN=883D78EE6EEA  
FEATURE SeisWorks3d osp 200812.31 31-dec-2009 1 8887FEDCFC84 \  
  DUP_GROUP=U ck=206 SIGN=5DDB6CC46C08
```

Sample OpenSpirit v3 License Feature Key for OpenWorks

```
FEATURE OspOpenWorksDataConnector osp 200810.18 18-oct-2008 2 \  
  31E55FBD384B DUP_GROUP=U ck=134 SIGN="036B 5B69 030F 82A1 4CAB \  
  74C7 8772 3BF0 AAD9 8ECF CB01 A3D8 6CB3 415A 40AF 652B 0EC1 \  
  AF60 3FAB 6426 E86A"
```

Run v2.9.x and v3.x Using Same License File



- OpenSpirit v2.9.x uses FLEXIm v8.2b.
- OpenSpirit v3.x uses FLEXIm v10.8 and new license features. (e.g., OW/SW → OW feature.)
- OpenSpirit v2.9.x installations can be patched to check-out v3 license features.
- License.jar (patch file) can be downloaded at <http://www.openspirit.com/support/FAQ/enduserfaqgeneralv3.html#q1>
- Both Master & Satellite installations of v2.9.x will need to be patched.
- Patch not needed if running only OpenSpirit v3.x.
- Temporary duplicate keys can be issued to ease transition – contact your Account Manager.



License Manager



Validate or change license path.

View license feature availability

View specific user info and check-in licenses (only if admin)

License Admin Tool

License File (or port@host):

The license file is valid.

Feature Name	Total Count	In Use	Available	Expiration Date	Maintenance Expiration Date
OspArcviewAdaptor	10	0	10	31-DEC-2007	31-DEC-2007
Osp3DViewer	10	0	10	31-DEC-2007	31-DEC-2007
OspRuntime	10	2	8	31-DEC-2007	31-DEC-2007
OspSectionViewer	10	0	10	31-DEC-2007	31-DEC-2007
OspWellViewer	10	1	9	31-DEC-2007	31-DEC-2007
OspCopy	10	0	10	31-DEC-2007	31-DEC-2007
OspDataSelector	10	2	8	31-DEC-2007	31-DEC-2007
OspExcelAdaptor	10	0	10	31-DEC-2007	31-DEC-2007
OspFinderDataConnector	10	0	10	31-DEC-2007	31-DEC-2007
OspGeoFrameDataConnector	10	1	9	31-DEC-2007	31-DEC-2007
OspGocadDataConnector	10	0	10	31-DEC-2007	31-DEC-2007
OspGoogleAdapter	10	0	10	31-DEC-2007	31-DEC-2007
OspKingdomDataConnector	10	0	10	31-DEC-2007	31-DEC-2007
OspOpenWorksDataConnector	10	1	9	31-DEC-2007	31-DEC-2007
OspPetraDataConnector	10	0	10	31-DEC-2007	31-DEC-2007

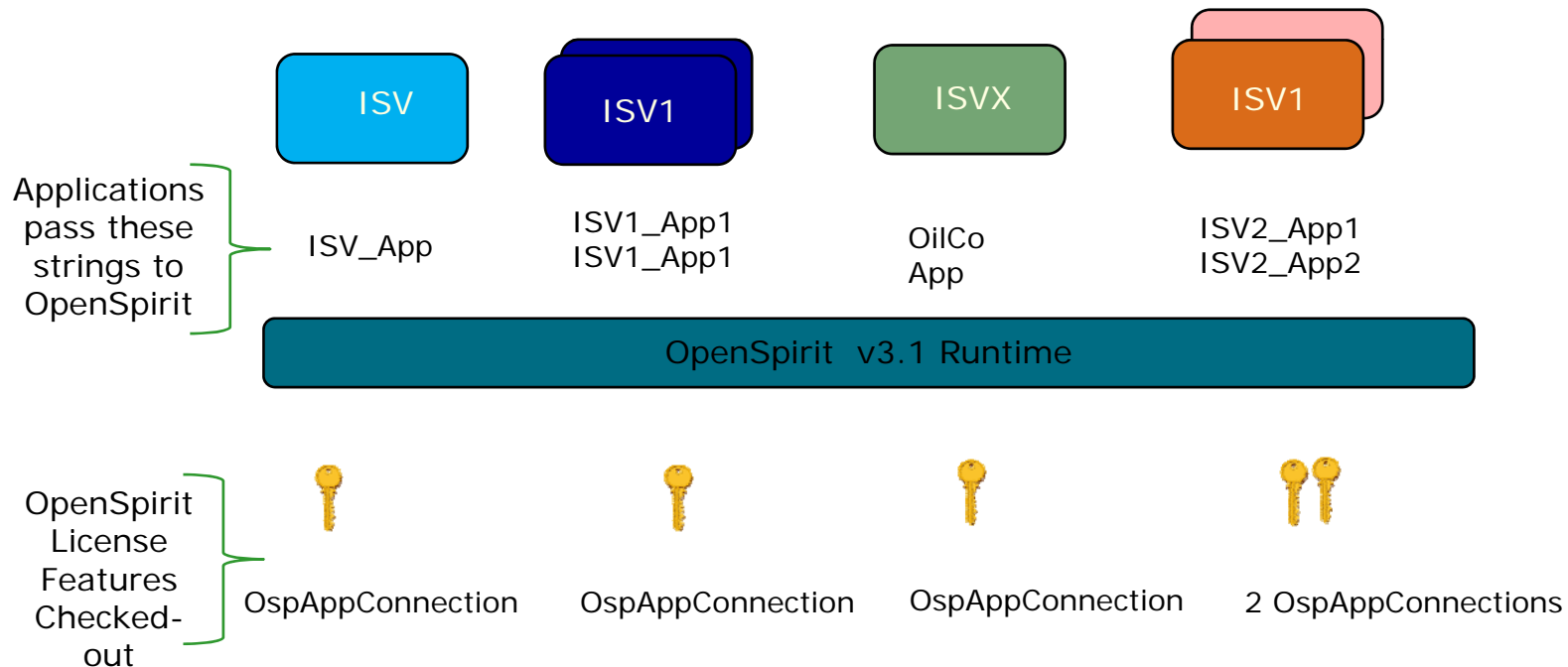
User Information for Selected Feature : OspRuntime

User Id	Host Name	Checked Out Since
mjk	benihana.openspirit.com	Thu Jan 11 08:29:06 CST 2007
geoframe	benihana.openspirit.com	Thu Jan 11 08:44:26 CST 2007

Universal Application Adapter (UAA)



- Introducing a standard application licensing approach.
- Universal Application Adapter used with all OpenSpirit Partner- enabled applications. (Note: Petrel and OpenSpirit utilities do not use UAA.)
- Interchangeable "OspAppConnection" license feature will work with any Application
- Reduces administrative overhead and provides flexibility to end users.



Transition to UAA



- v3.1 installations **will** require OspAppConnection Licenses
- In most cases, older vendor dedicated connection licenses will be swapped out, free of charge, for new OspAppConnection licenses.
- Incremental OpenSpirit purchases may require purchase of additional OspAppConnection licenses.
- Usage requirements will vary, as determined by workflow needs of your company.
- Contact your Account Manager.



Thank You



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Infinite Integration

