WORKING WITH P6 PROFESSIONAL 15.1

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May 27, 2015

DRM May 2015 Technical Webinar

PROJECT MANAGEMENT SOLUTIONS THAT *SIMPLY WORK* SINCE 1989.

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Thank you for joining today's technical webinar

- Mute – all call in phones are automatically muted in order to preserve the quality of the audio for all attendees.

- Questions – during the session, questions can be submitted through the Questions Box on the right side of the screen . We will try to address your questions at the end of the presentation, time permitting.

- Follow up – all registrants will receive an Excel file listing all questions and responses along with a link to the recorded webinar.

Safe Harbor

- The statements made in this technical presentation are based on our current knowledge of the tools.

- Our statements should not be construed to be an official "Oracle perspective", but are intended to be the sharing of technical and user knowledge gained as we explore new paths and technologies, usually in advance of our clients.

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- Global Data Centers in USA, London, Singapore and Brisbane

Agenda

- Downloading the Software from E-Delivery

- Working with Databases

- Installing the Software

- Creating a New Microsoft SQL Database

- Connecting to a P6 Database

- Connecting to an EPPM Database using Oracle Cloud Connect

- Upcoming Events

- Questions

Change in how version numbers are assigned

Aligned Version Numbers

Cloud | Spring / Fall | Summer / Winter

	2014		2015		2016
P6		8.4	15.1	15.2	16.1
Unifier	10.0	10.1	15.1	15.2	16.1
Analytics		3.4	15.1	15.2	16.1
Gateway		14.2	15.1	15.2	16.1
Prime		14.2	15.1	15.2	16.1
Instantis	8.7		9.0	15.1	15.2	16.1
OPPM	9.1		15.1		16.1
CM	14.1		14.2		14.3

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Downloading the Software

- **https://edelivery.oracle.com/**

Downloading the Software

- **Sign in or Register for an Oracle Account**

Downloading the Software

- **Agree to Terms & Conditions**
- **Accept Export Restrictions**
- **Click "Continue"**

Downloading the Software

- **Select a Product Pack – "Primavera Applications"**

- **Choose Platform – "Microsoft Windows x64 (64-bit)**

- **Click "Go"**

Downloading the Software

• **Select "Primavera P6 Professional Project Management 15.1"**

Downloading the Software

For Local Installs:
- Documentation
- Database Setup
- Applications

Downloading the Software

Save the Zip Files to your Downloads Folder

(Here's what's in the Zip files…)

Working with Databases

- **Decision time…**
  - **Do you want to run a single database?**
  - **Do you need to run multiple local databases?**
  - **Do you have local MS SQL databases to be upgraded?**
  - **Do you have local IT support?**
    - **Create an initial MS SQL Express database**
    - **Do the Client Installation using MS SQL Express DB**
  - **Do you want to be able to run local and connect to an EPPM (web) DB?**
    - **You can connect to an EPPM Database using Oracle Cloud Connect**

Working with Databases

- Supported local databases
  - **Oracle SQLite**
  - **Oracle Express (P6 8.2, 8.3, 8.4). If you have previous version it will run with 15.1**
  - **MS SQL Express (2005, 2008, 2012)**
- Supported group (server) databases
  - **Oracle 11, 12**
  - **MS SQL 2005, 2008, 2012**
- P6 Pro can also connect to P6 EPPM databases
  - **Direct connection across a LAN or WAN**
  - **P6 Professional Cloud Connect**

Databases Support by P6 Professional 15.1

Cloud Connect

+ Direct connect to EPPM
- Administration and Global data removed for P6 Pro
- Latency increases as users increase

EPPM

Oracle

MS SQL

Compression Server

+ Free
+ Full function of P6 Pro
- Can be difficult to install
- Single database

Oracle Express

P6 Professional 15.1

Oracle SQLite

Oracle SQLite

+ Free
+ Easy installation
+ Multiple databases
+ Share db: copy from Documents folder
- No ClaimDigger*
- No Check-In/Check-out*
- No XML import*
- No Update Baseline*
- No Administration for multiple users

* Additional functionality expected to be re-added through Service Packs.

+ Full function of P6 Professional
+ Free
+ Multiple databases
- Manual, complex installation
- Manually configure "Alias's"

MS SQL Express

MS SQL Express

Working with MS-SQL Databases

Five distinct steps are required

```
Download
MS-SQL
    │
    └──▶ Install MS-
         SQL
             │
             └──▶ Configure
                  MS-SQL
                      │
                      └──▶ Create P6
                           database
                               │
                               └──▶ Configure
                                    P6 Alias
                                        │
                                        └──▶ [red box]
```

Installing the Software

- Open the Downloads Folders on your computer, from the Files that were downloaded from Oracle E-Delivery.

- Double Click "Setup" and click Run

- Click through various system and Java installation dialogs to get to the P6 Setup

Installing the Software

- Choose Setup Type
  - **Typical** - This option is to install or upgrade only the P6 Professional application for use with an existing EPPM or Professional Database. The P6 Professional Standalone Database is included. Any existing standalone database will be upgraded to the latest version

  - **Advanced** – Do not go here unless you know why you might want the schema and administrative functionality on a local machine

[Select Typical and Click Next]

Installing the Software

- The Setup Wizard will now Install the Software

- Click Install

Installing the Software

- Database Configuration and Complete Setup Wizard

Click Finish

Setting up Databases

- ## Steps of Setting up a New Database

1. You should have unzipped the P6 Pro download into folders onto your Hard Drive or Server.

2. Go to folder Downloads\P6_R151_Database and look for the Command File "*dbsetup*". Double Click this file to start the process of setting up a Database.

Create a new MS-SQL Database

1. Select "Install a new database
2. Select Microsoft SQL Server

3. The default SQL database administrator User Name should be "sa"
4. You will need to know the Password and the name of the SQL database or just use "localhost".
5. Leave the port defaulted to "1433" and then type in your database name.

Create a new MS-SQL Database – Cont..

6. Enter the name for the new Database
   - **PMDB_Sample**

7. Leave the Database code page set at Default (resist the temptation to select Latin, Chinese, Russian or Japanese)

8. Click "Next" to continue

9. Use the Primavera default "privuser" password, under Privileged User or can use "pubuser" under the Public User. (Which one that you choose to use will dictate which username and password will be used when creating the alias

Create a new MS-SQL Database – Cont..

10. Enter a password (admin) for the Administrative User Name

11. Uncheck the Checkbox for "Sample Data" if you are creating a fresh database
    - **NOTE: If you decide to load sample data, it can take an additional 30-45 minutes for the data to load**

12. Click "Install" to create the database
    - **NOTE: If the project is not tracked in US Dollars, make sure to select the appropriate currency**

13. The Setup Wizard will now create the database

Create a new MS-SQL Database – Cont..

14. The Setup Wizard has now completed creation of the database. If all have green check marks next to them, it was successful in creation

   - **NOTE: This process may take several minutes or more depending on the computer that it is being loaded onto.**

15. Click "Next" to continue

16. Click "Next" to repeat the process to create an additional database, or click "Finish" if you are complete with the installation

Connecting to a P6 Database

1. Click on the P6 Professional R15.1 Icon to open P6

2. Click on the box to the right of the Database field

3. Click the "Configure" button to configure current database (PMDB)

   - **NOTE: Click the "Add" button to create a new Database Alias (PMDB_Sample)**

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Connecting to a P6 Database – Cont..

4. Enter a name for the Database Alias
   - **Example: PMDB_Sample**

5. Select your Driver type, in this case "Microsoft SQL Server/SQL Express"

6. Enter "localhost" for the default Host Name

7. Enter the Database Name
   - **PMDB_Sample**

Connecting to a P6 Database – Cont..

8. If you selected "privuser" when creating the database, use that for the Username and Password. If you used "pubuser" when creating the database, then use "pubuser" for the Username and Password.

9. Click "Next"

10. Click "Next" again on the Validate Database Connection Screen
   • **This will validate the setting for the database alias**

Connecting to a P6 Database – Cont..

8. Click "Finish" to complete Setup

9. Your new database will now be listed for selection when logging into P6 Pro R15.1

Connecting to a P6 Database – Cont..

10. You are now ready to Log In and use P6 Professional R15.1

Connecting to an EPPM Database using Oracle Cloud Connect

Create a new EPPM Database for Cloud Connect

1. Select "Install a new database
2. Select Oracle.
   - **Cloud Connect is not compatible with SQL or SQL Lite**

3. The default Oracle database administrator User Name should be "system"
4. You will need to know the Password and the name of the Oracle database.
5. Leave the port defaulted to "1521" and then type in your database name.

Create a new EPPM Database for Cloud Connect– Cont..

6. Configure Oracle Tablespaces. The Tablespaces shown are the defaults for creating a new EPPM Database

7. Specify Oracle Tablespace Locations. The Tablespace Locations shown are the defaults for creating a new EPPM Database

8. Click "Next" to continue

Create a new EPPM Database for Cloud Connect– Cont..

9. The Database Setup Wizard will now create all of the Tablespaces for the new EPPM Database

10. Next you will establish the Oracle Users, these are the administrative usernames not production usernames. You can create unique user names and passwords here.

Create a new EPPM Database for Cloud Connect– Cont..

11. Uncheck the Checkbox for "Sample Data" if you are creating a fresh database
    - **NOTE: If you decide to load sample data, it can take an additional 30-45 minutes for the data to load**

12. In this screen you will establish your Administrative username and password you can establish a unique username and password here.

13. The Setup Wizard has now completed creation of the database.
    - **NOTE: This process may take several minutes or more depending on the computer that it is being loaded onto.**

14. Click "Finish" to complete the EPPM Database setup.

Connecting to a Cloud Connect Database

1. Click on the P6 Professional R15.1 Icon to open P6

2. Click on the box to the right of the Database field

3. Click the "Add" button to create a new Database Alias for P6 Cloud Connect

Connecting to a Cloud Connect Database– Cont..

4. Enter a name for the Database Alias
   - **Example: PMDB_Cloud**

5. Select your Driver type, in this case "P6 Pro Cloud Connect"

6. Enter the Database Name
   - **Example: PMDB_Demo**
7. Enter the URL for the EPPM Database
   - **Example:**
     https://eppm15demo.mlmprojectservices.com/p6procloudconnect

Connecting to a Cloud Connect Database– Cont..

8. If you entered everything correctly the connection will be successful and you can now use the P6 Cloud Connect Database

Upcoming Webinars

- **June 17, 2015 10:00am Pacific**

  WORKING WITH DATABASES IN P6 PROFESSIONAL 15.1

- **Abstract:**

  As with the release of P6 8.4, release 15.1 sets SQLite as the default local database. SQLite has some limitations with P6 Pro. We've always been fans of using MS SQL Express for local installs for flexibility. MS SQL Express is free and supports multiple databases on local installations with no sacrifice in functionality.
  We will review the installation choices for working with both databases choices and provide a downloadable tech tip on how to install MS SQL Express on your local computer.

- **Presenter:**

  Adam Baker

- **Registration Link:**

  https://attendee.gotowebinar.com/register/7999169560049875714

Questions

- All questions are gathered into a master sheet, answered and distributed to all registrants as well as posted on our website.

- Answers are based on our own experiences using the various software products covered in this webinar

Thank you for participating

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Upcoming Events

DRMcNatty Monthly e-newsletter

the
Loop

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