

The future of app development.

18 + 19 May | Dusseldorf

The logo for the Omnis Developer Conference 2022. It features a large black circle with a pattern of small grey dots. The text 'ODC' is written in large white letters, and '2022' is written in orange to the right of 'DC'. Below the circle, the text 'Omnis Developer Conference' is written in white. The logo is surrounded by several overlapping circles in orange and blue, and a blue dot is located below the logo.

ODC 2022

Omnis Developer Conference



The Future of App Development is Now!

May 2022 - Birgit Jäger & Bob Whiting

Announcement of a New Service Option

An exciting new option for Omnis developers
to stay

- Current
- Top-of-mind
- Flexible



Omnis Studio Now

For customers on Runtime Maintenance



Omnis Runtime Maintenance Service (RMA)



Runtime Maintenance Agreement (RMA)

Timeliness & flexibility

When on RMA you can

- Make sure you are on the latest Omnis release, at any time
- Switch to a new release when it fits into your product release cycle
- Update all your customers to your latest version as you don't have to charge extra for it



Runtime Maintenance Agreement (RMA)

Easier budgeting & cash planning

When on RMA you can

- Calculate and plan with a fixed RMA service expense year by year
- Include update costs in your maintenance charges to your customers
- Avoid the need for costly sales activities for updates



Runtime Maintenance Agreement (RMA)

Cost savings & reliable income

When on RMA you can

- Generate a regular and more balanced income through maintenance revenues
- Sell more by staying up to date and ahead of competition
- Save developer resources for maintaining different versions of your apps



Runtime Maintenance Agreement (RMA)

Makes your life easier

When on RMA you

- Can base your decision to launch a new release on your business requirements, rather than on cost justification towards your customers
- Don't need to explain Omnis technology and release information to your customers



Runtime Maintenance Agreement (RMA)

How it works

- Available for ODPP customers only
- RMA agreement for min. 3 years; afterwards automatic renewal for 12 months periods if not terminated
- RMA charge annually or quarterly
- Price: 20 % of your individual license purchase price
(i.e. incl. volume and ODPP discounts)



Runtime Maintenance Agreement (RMA)

How it works

- Updates delivered when you need them (on request)
- You can choose to only purchase RMA for those of your customers who want to take on RMA
- Available since Studio 8.x and higher



New Option: Omnis Studio Now



Omnis Studio Now

What is it?

Omnis Studio Now

- Is a separate 'release version' besides the 'regular' Omnis Studio.
- Releases new features as soon as they have been completed and tested.
- Is a new option and will be available for customers on ODPP + RMA



Omnis Studio Now

Benefits

- Omnis Studio Now will provide immediate access to the latest Omnis Studio code base (i.e. to enhancements, new features and components and bug fixes)
- You don't need to wait until the next publically available release
- No serial number changes will be required for implementing features of update releases



Omnis Studio Now

How it works

The engineering team have been busy for an extended period of time renovating our software build process to allow for a greatly improved system, with greater flexibility and efficiency.

The build process of Omnis Studio is complex due to the tree structures required and was previously complicated and time-consuming. Now all parts of the Studio redistributable can be built directly from source.



Omnis Studio Now

How it works

Building directly from source gives us a number of benefits

- Makes life much easier for the engineers.
- Each engineer can now build and debug everything from a single master project, so less friction to looking at new areas of code.
- Linux (previously very 'challenging' to set up a development environment for) is now developed in a Docker container inside VS Code, so can be developed on any platform.



Omnis Studio Now

How it works

Source Code Repository

We have moved our source control from SVN to Git.

- This enables use of the advantage of IDEs' built-in Git support (as SVN is being left behind).
- Can utilise more modern management features supported by Git.



Omnis Studio Now

How it works

We now use Jenkins as our CI (Continuous Integration) build system.

- Runs an automated 'incremental' dev build on each platform whenever an engineer pushes changes.
- Runs a full clean build of all Studio editions and architectures overnight ('Daily build').
- Runs automated tests on each build
 - *Quick tests on incremental builds*
 - *Functional tests on Daily builds*
- All builds are uploaded to our builds server.



Omnis Studio Now

How it works

Builds server has a web UI to allow authenticated users to download builds for which they have permission.

- Builds are stored in 'Tiers' - 'Incremental', 'Canary', 'Beta'. Users can be granted access permission to certain tiers.
- This server has an HTTP API to retrieve build download links.
- Initially we will make Canary builds available to certain developers, to tie into their own testing, to give us quicker feedback on builds with real-world applications.



Omnis Studio Now

How it works

This work enables us to replace the traditional beta program cycles with a continuous customer test process. This ensures that issues are quickly identified and that the robustness of release can assured.

This system foundation can then be extended to allow the distribution of the Studio product in an incremental way - Studio Now.



Omnis Studio Now

How it works

There is of course a need to make some engineering changes to the Omnis Studio core and ancillary components in order to identify releases to add support and to restrict unsolicited use of new features present on within the Studio Now current versions.

We plan to complete this service in the fourth quarter and to make it available with the launch of Omnis Studio 11.



Omnis Studio Now

How it works

Studio Now releases will have different build version number structure so that they can be readily identified.

Studio Periodic release NNMTTTTTT (NN: Major version, N: minor version, TTTTTT: Git tag Number)

Studio Now release 990TTTTTT (TTTTTT: Git Tag)

`sys(124)` will return true for a Studio Now release



Omnis Studio Now

How it works

Studio External Components and JS Controls released as a part of Studio Now will be separately built to preclude their use in a Studio periodic release until such time as a upgrade is completed.

Accumulated new features present in Studio Now will then be made available in the new periodic Studio minor version upgrades.

Minor release for traditional licenses would likely occur yearly and contain all new Studio features to date.

Maintenance releases would of course be completed when deemed necessary.



