UPGRADING YOUR DELMIA QUINTIQ SOLUTION: THE WHY AND THE HOW

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WHY UPGRADE DELMIA QUINTIQ?

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UPGRADING CONSUMER PRODUCTS

Reasons to upgrade:

- Malfunctioning
- New user requirements
- New technologies are available
- Better user experience
- Not safe anymore

Every 2 years

Every 5 years

Every 10 years

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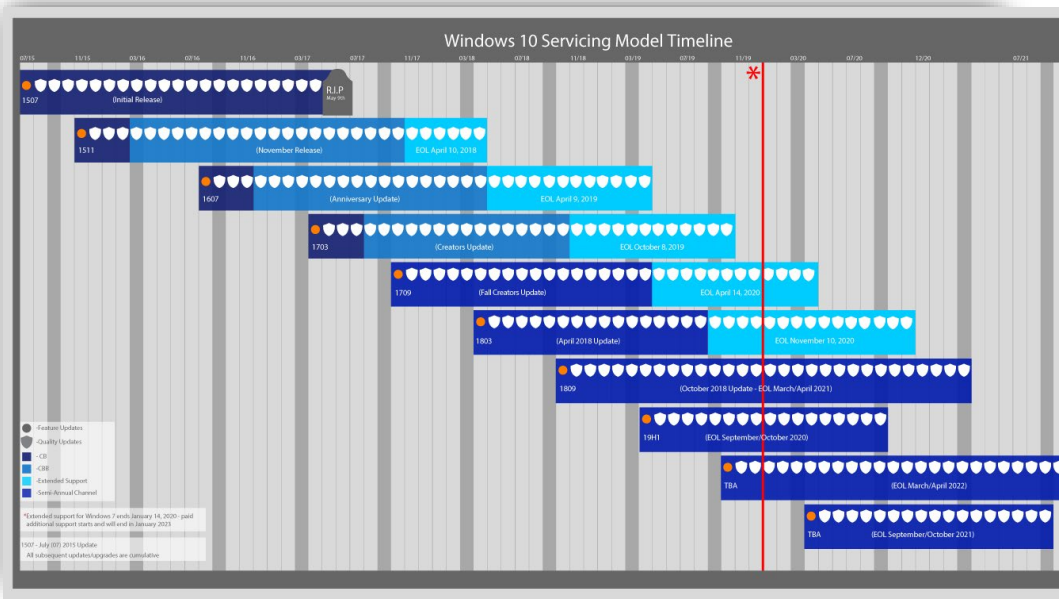
UPGRADING CONSUMER PRODUCTS – NOT ONLY HARDWARE

Laptop - Microsoft Windows

- Every **5 years** get a new laptop
- Operating System can be upgraded on same laptop, e.g. Windows 10 to Windows 11
- Every Windows version has a **feature update** every year; introducing new enhancements
- Every feature update is followed by monthly **security update**, including security and non-security content
- Every feature line has an end of life



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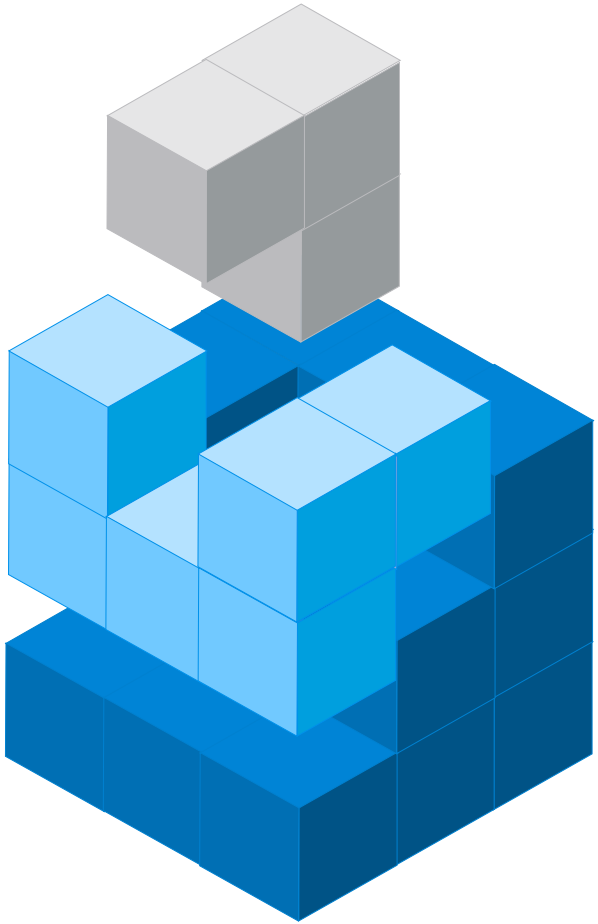
WHAT ABOUT DELMIA QUINTIQ?



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DELMIA QUINTIQ RELEASE STRATEGY

20xx Golden	20xx Refresh 1-2-(3)	20xx Refresh 3-9
MINOR RELEASE	**FUNCTIONAL DELIVERY**	**PLANNED PATCH**
• Every year in January • Contains larger functional/technical enhancements that may require conversion effort	• April, July (October: applications) • Contains bug fixes along with smaller functional/technical enhancements that require no conversion	• 7 planned patches every 3 months • Patches are restricted to bug fixes and focus on sustaining stability

HOTFIXES In rare cases, a serious bug will need to be fixed urgently. For example when a data corruption occurs that could block the operational use of a live system or when a serious security issue is encountered. In such cases, an unplanned patch or hotfix will be released on the last patch of the relevant minor release.

The DELMIA Quintiq release strategy ensures the robustness and the reliability of the core software layer.

Feature line Patch line

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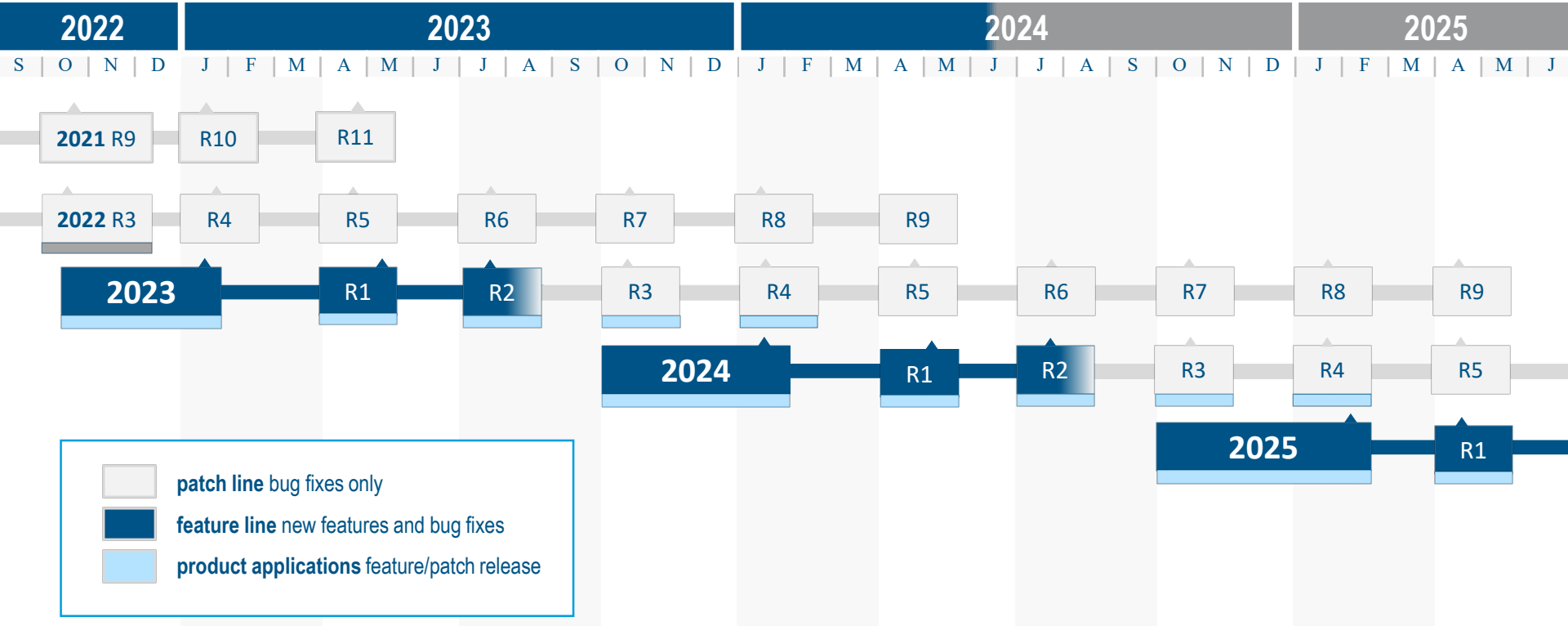
DELMIA QUINTIQ RELEASE STRATEGY



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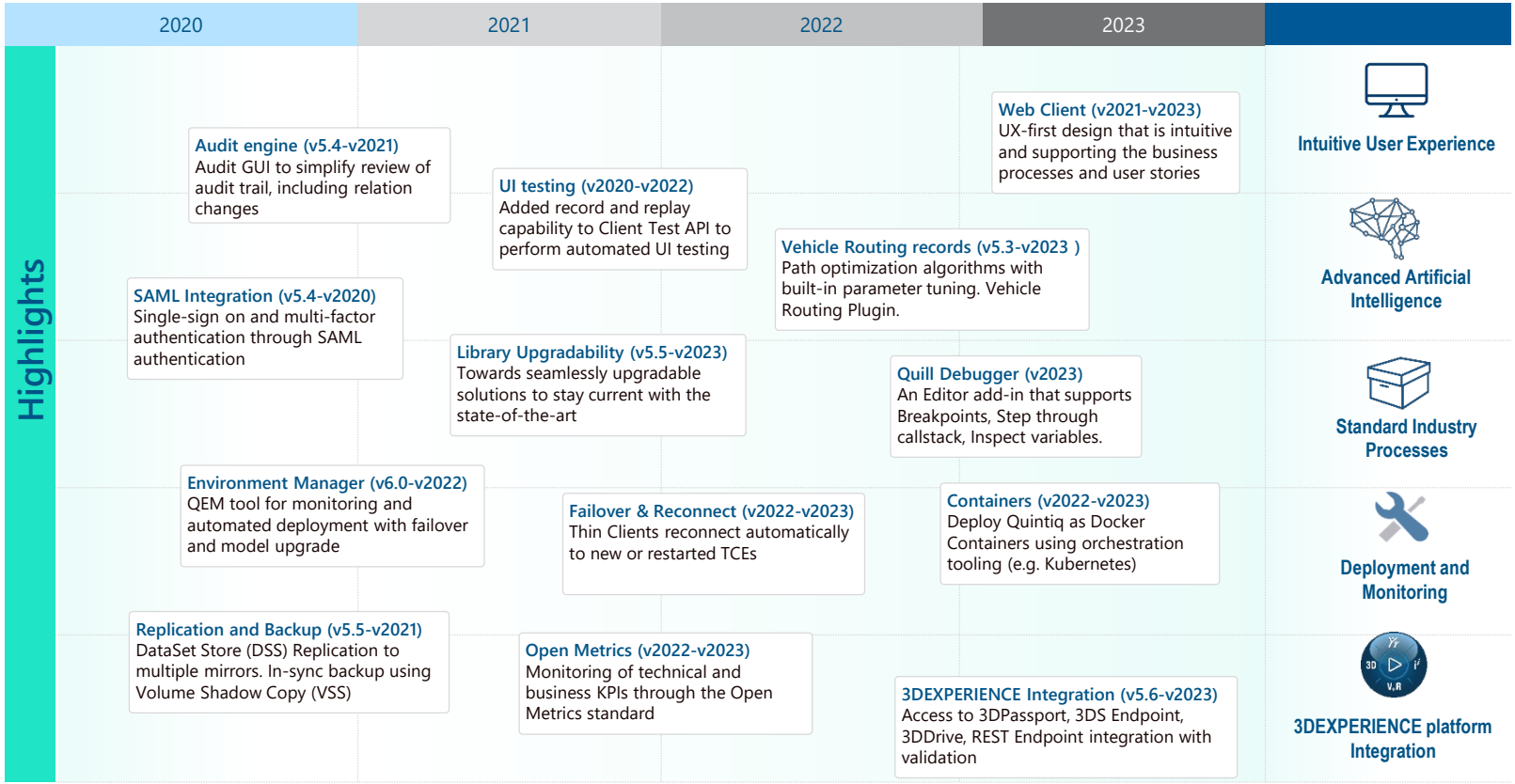
HIGHLIGHTS OF RECENT RELEASES IN CORE SOFTWARE



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WHY UPGRADE YOUR DELMIA QUINTIQ SOLUTION?

NEW FEATURES	Benefit from the latest development in the DELMIA Quintiq software, like web client, integration and monitoring, and the latest functionalities released in the DELMIA Quintiq applications.
TECHNICAL IMPROVEMENTS	Benefit from technical improvements in the DELMIA Quintiq software, focusing on stability, performance, hosting and database technology.
BUG FIXES	Benefit from bug fixes and security patches in the DELMIA Quintiq software.

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HOW TO UPGRADE DELMIA QUINTIQ

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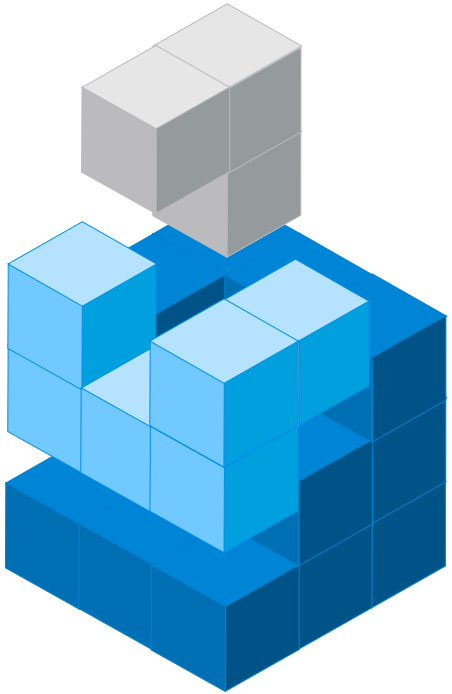
DELMIA QUINTIQ ARCHITECTURE



The **silver** layer makes each customer's implementation unique. It is the part of the system that will be configured together during a project to provide the final **10%** of the solution.

The **light blue** layer represents a DELMIA Quintiq Product. DELMIA Quintiq has a number of different puzzle specific products, that capture the logic and applications for a particular business problem. This represents a further **10%** of the solution (market specific, but company independent logic).

Model

The **dark blue** layer represents 80% or more of the solution. It is the standard Core Software, which consists of many planning functionalities, ranging from the Windows (and/or Web) user interface and the real-time knowledge engine where the knowledge tables and calculations can be specified, to the integrator that allows integration with other systems and optimizers that allows optimization of (parts of) the puzzle. The DELMIA Quintiq Application Suite is used by all DELMIA Quintiq customers.

Core Software

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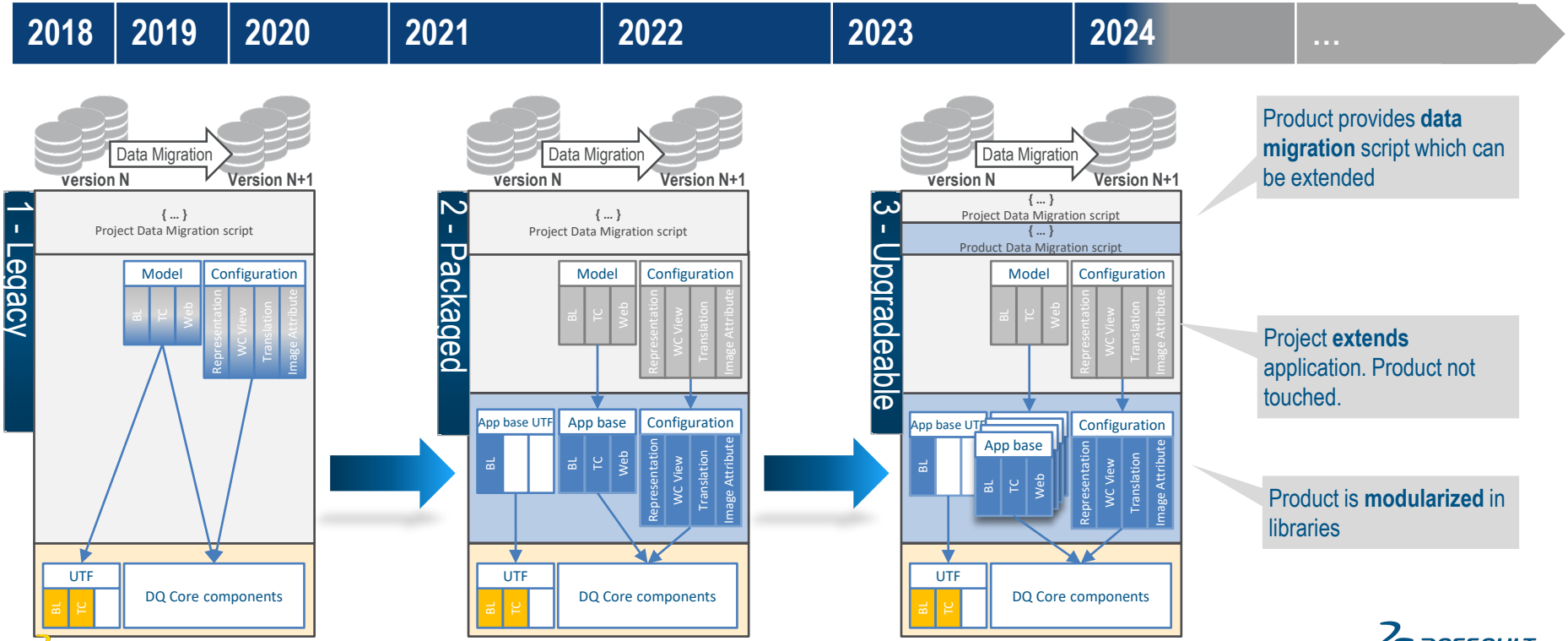
DELMIA QUINTIQ UPGRADEABILITY

Enable “hassle-free” continuous upgrade of standard applications



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WHAT RELEASE TO UPGRADE TO?

Phase	Use Case	Release
Project	Real-time dispatching	Refresh2 or higher
Project	Long/mid-term planning	Refresh1 or higher
Live	Software upgrades of live systems	Refresh2 or higher
Live	Development environments	Newest release

RECOMMENDATION

The best release to use for go-live is **Refresh2 or higher**. It is the latest feature release and focus shifts to stability through subsequent planned patches.

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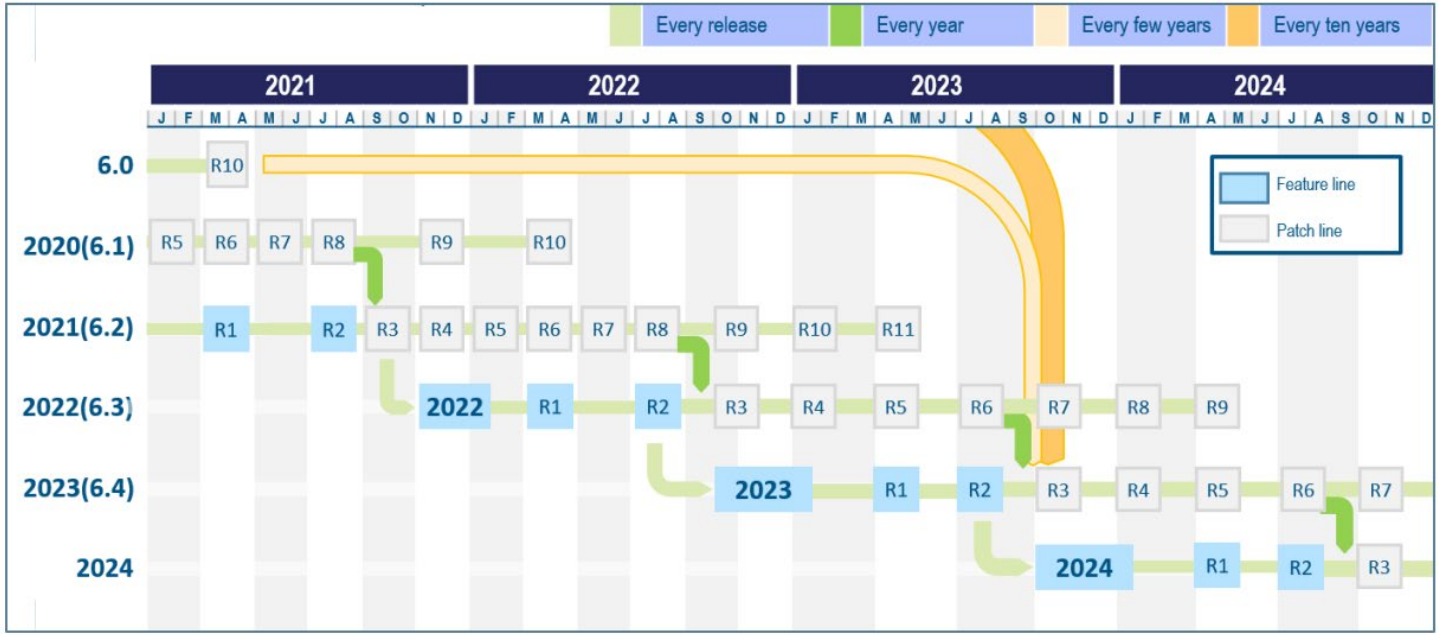
HOW OFTEN TO UPGRADE?



Frequency	Risk	Effort
Every 10 years	HIGH	HIGH
Every few years	MEDIUM	MEDIUM
Every year	LOW	LOW
Every release	LOW	LOW

RECOMMENDATION

Upgrading **every year** is the ideal combination between limiting risk and effort.

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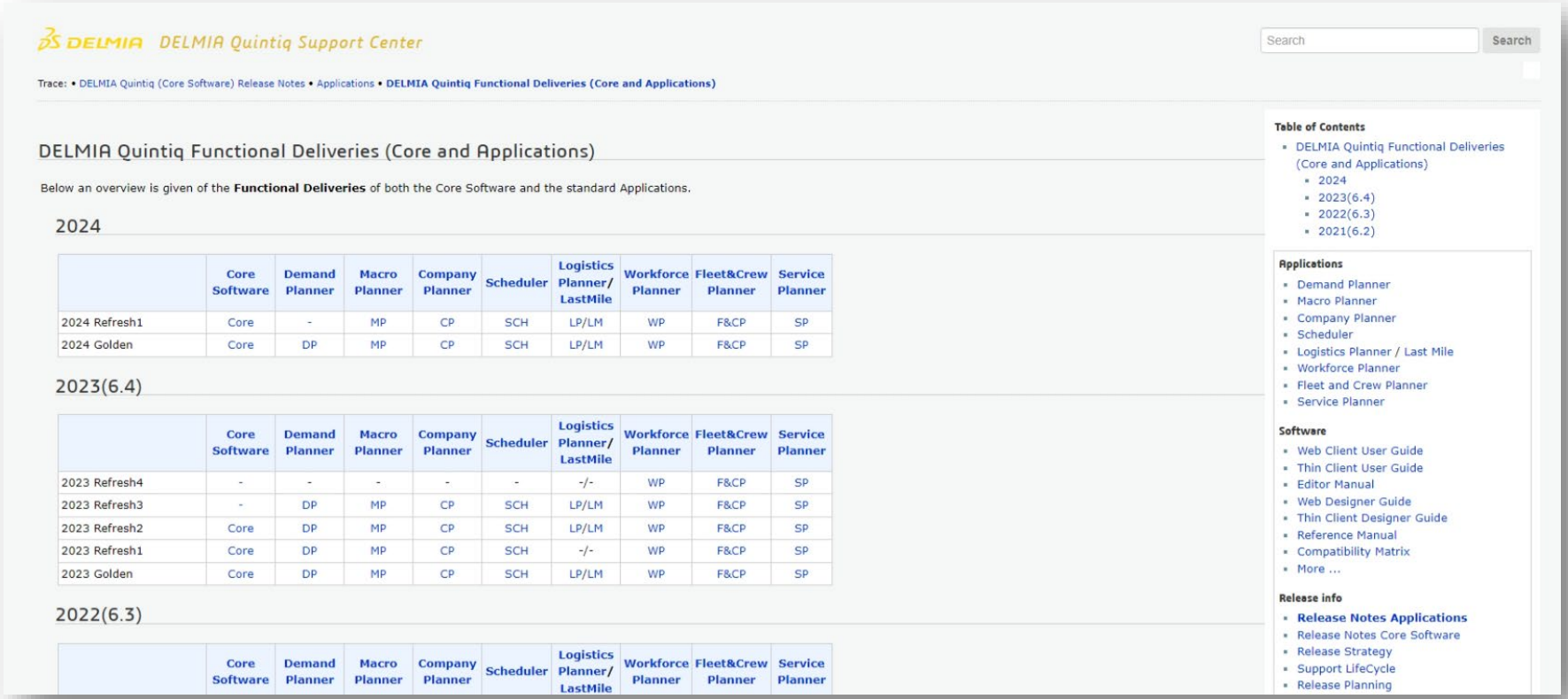
WHERE TO FIND MORE INFO



DELMIA Quintiq Support Center

Search

Trace: • DELMIA Quintiq (Core Software) Release Notes • Applications • DELMIA Quintiq Functional Deliveries (Core and Applications)

DELMIA Quintiq Functional Deliveries (Core and Applications)

Below an overview is given of the **Functional Deliveries** of both the Core Software and the standard Applications.

2024

	Core Software	Demand Planner	Macro Planner	Company Planner	Scheduler	Logistics Planner/ LastMile	Workforce Planner	Fleet&Crew Planner	Service Planner
2024 Refresh1	Core	-	MP	CP	SCH	LP/LM	WP	F&CP	SP
2024 Golden	Core	DP	MP	CP	SCH	LP/LM	WP	F&CP	SP

2023(6.4)

	Core Software	Demand Planner	Macro Planner	Company Planner	Scheduler	Logistics Planner/ LastMile	Workforce Planner	Fleet&Crew Planner	Service Planner
2023 Refresh4	-	-	-	-	-	-/-	WP	F&CP	SP
2023 Refresh3	-	DP	MP	CP	SCH	LP/LM	WP	F&CP	SP
2023 Refresh2	Core	DP	MP	CP	SCH	LP/LM	WP	F&CP	SP
2023 Refresh1	Core	DP	MP	CP	SCH	-/-	WP	F&CP	SP
2023 Golden	Core	DP	MP	CP	SCH	LP/LM	WP	F&CP	SP

2022(6.3)

	Core Software	Demand Planner	Macro Planner	Company Planner	Scheduler	Logistics Planner/ LastMile	Workforce Planner	Fleet&Crew Planner	Service Planner

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- DELMIA Quintiq Functional Deliveries (Core and Applications)
  - 2024
  - 2023(6.4)
  - 2022(6.3)
  - 2021(6.2)

Applications

- Demand Planner
- Macro Planner
- Company Planner
- Scheduler
- Logistics Planner / Last Mile
- Workforce Planner
- Fleet and Crew Planner
- Service Planner

Software

- Web Client User Guide
- Thin Client User Guide
- Editor Manual
- Web Designer Guide
- Thin Client Designer Guide
- Reference Manual
- Compatibility Matrix
- More ...

Release info

- **Release Notes Applications**
- Release Notes Core Software
- Release Strategy
- Support LifeCycle
- Release Planning

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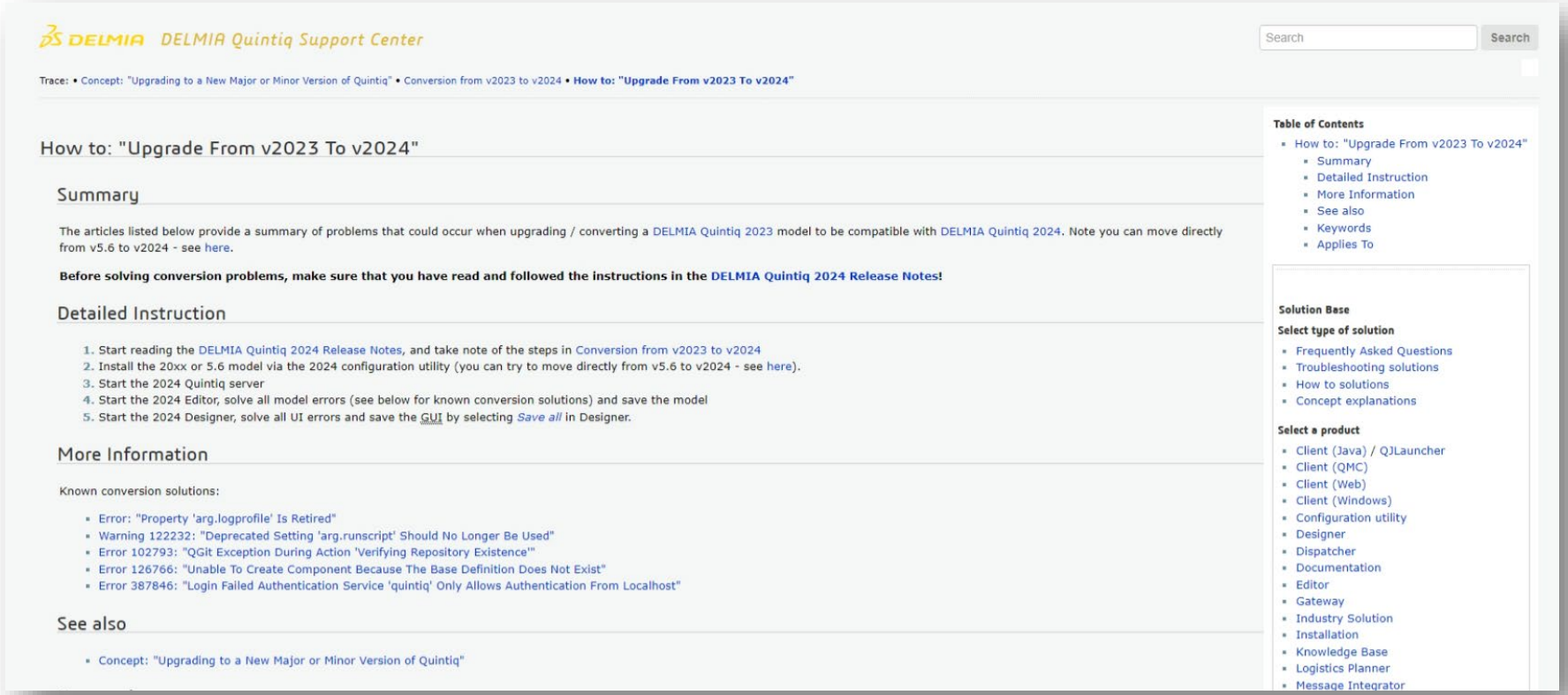
WHERE TO FIND MORE INFO



DELMIA Quintiq Support Center

Search

Trace: • Concept: "Upgrading to a New Major or Minor Version of Quintiq" • Conversion from v2023 to v2024 • **How to: "Upgrade From v2023 To v2024"**

How to: "Upgrade From v2023 To v2024"

Summary

The articles listed below provide a summary of problems that could occur when upgrading / converting a DELMIA Quintiq 2023 model to be compatible with DELMIA Quintiq 2024. Note you can move directly from v5.6 to v2024 - see here.

Before solving conversion problems, make sure that you have read and followed the instructions in the DELMIA Quintiq 2024 Release Notes!

Detailed Instruction

1. Start reading the DELMIA Quintiq 2024 Release Notes, and take note of the steps in Conversion from v2023 to v2024
2. Install the 20xx or 5.6 model via the 2024 configuration utility (you can try to move directly from v5.6 to v2024 - see here).
3. Start the 2024 Quintiq server
4. Start the 2024 Editor, solve all model errors (see below for known conversion solutions) and save the model
5. Start the 2024 Designer, solve all UI errors and save the GUI by selecting *Save all* in Designer.

More Information

Known conversion solutions:

- Error: "Property 'arg.logprofile' Is Retired"
- Warning 122232: "Deprecated Setting 'arg.runscript' Should No Longer Be Used"
- Error 102793: "QGit Exception During Action 'Verifying Repository Existence'"
- Error 126766: "Unable To Create Component Because The Base Definition Does Not Exist"
- Error 387846: "Login Failed Authentication Service 'quintiq' Only Allows Authentication From Localhost"

See also

- Concept: "Upgrading to a New Major or Minor Version of Quintiq"

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- How to: "Upgrade From v2023 To v2024"
  - Summary
  - Detailed Instruction
  - More Information
  - See also
  - Keywords
  - Applies To

Solution Base

Select type of solution

- Frequently Asked Questions
- Troubleshooting solutions
- How to solutions
- Concept explanations

Select a product

- Client (Java) / QJLauncher
- Client (QMC)
- Client (Web)
- Client (Windows)
- Configuration utility
- Designer
- Dispatcher
- Documentation
- Editor
- Gateway
- Industry Solution
- Installation
- Knowledge Base
- Logistics Planner
- Message Integrator

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RECAP

UPGRADABILITY	Since 2023, DELMIA Quintiq applications can be extended with customer specific capabilities in the project. With this new architecture the Application layer can be more easily upgraded, benefitting from the latest developments.
REFRESH2	For projects/live solutions, in most cases it is recommended to upgraded to Refresh2 or later from a release line. For test and development environments the latest delivery can be used.
YEARLY UPGRADES	It is recommended to upgrade DELMIA Quintiq once per year. This is the ideal trade-off between risk and effort.

More information can be found at **support.quintiq.com**

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Q&A

Contact us via email

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WEBINAR SERIES 2024

On Demand: Unlock the Full Potential of Your DELMIA Quintiq Solution – Navigating the Post-Implementation Phase

With Vincent Wiers

On Demand: Upgrading your DELMIA Quintiq Solution: The WHY and the HOW

With Bas van der Bijl

September 26: Unleash the Full Potential of the DELMIA Quintiq Optimizer
With Vincent Wiers

December: Topic TBA

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UPCOMING WEBINAR

UNLEASH THE FULL POTENTIAL OF THE DELMIA QUINTIQ OPTIMIZER

Our Expert

Vincent Wiers
WW Industry Process Expert
Dassault Systèmes DELMIA

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Register Now!

Target Audience

DELMIA Quintiq Current and New Users

DELMIA Quintiq Partners

Reasons to Join

- Learn to leverage DELMIA Quintiq Optimizer's rich functionality
- Understand it's intuitive interface
- Discover how to maximize efficiency in your operations
- Demystify what algorithms can and cannot do for you
- Hear from an expert and get all your questions answered

When

September 26 | 3:00PM CET | LIVE

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THANK YOU FOR ATTENDING!

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