



# Calypso's Project Simplify

Cuts costs and adds business value

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# The clock is ticking — **plan your Calypso upgrade now**

Calypso technology is used by more than 35,000 professionals in around 180 financial institutions and over 60 countries. Keeping your version of this mission-critical software updated helps you maintain your operational efficiency.

## **What's holding you back?**

To a certain extent, this is understandable because upgrading disrupts day-to-day business and can be a real headache — you need a full team to run the project, reinstall and retest everything, coordinate with users, etc. Also, sophisticated platforms like Calypso are highly customizable — they have to be, to cater for complex financial products like derivatives and so on. And the more customized the platform, the more complex, time-consuming and resource-heavy the upgrade. The fact is, regardless of whether Calypso clients are working with a standard legacy version or a highly customized one, failing to upgrade is rocketing the cost of ownership for the majority of users.

It's also worth being aware that Calypso may move away from supporting old versions in the future, meaning some clients could find themselves having to manage expensive, end-of-life software.

## **Upgrade your business potential with Calypso's Project Simplify**

Fortunately, Calypso has introduced Project Simplify. And, to help you become fully Project Simplify compatible, Luxoft has developed an accelerator framework and robust toolkit. Now you can afford to get back to operating a state-of-the-art Calypso platform at full capacity, with maximum functionality and a minimum of fuss.

## **Partner with Luxoft — the Calypso experts**

Luxoft is a global Calypso Alliance Partner and market leader for the implementation, integration, upgrade and support of Calypso applications. Our talented consultants and engineers have been executing Calypso projects for more than 9 years, providing the full spectrum of solutions and services for developed and emerging financial markets. We have an enviable track record:

- 80,000 man-days of Calypso implementations delivered
- 85+ seasoned Calypso professionals
- 8+ years average Calypso experience of our consultants

Our Calypso clients include investment banks, clearing houses, hedge funds, insurance firms, brokerage firms and corporate treasuries.

# Project Simplify

Project Simplify reinvents the way Calypso delivers important security patches, software enhancements and major technological innovations.

Following a one-off upgrade to a Project Simplify compatible version, the company's new

version-management model provides a monthly cycle of small releases, plus a major new version every 2 years. Now your teams can benefit from working with the very latest Calypso developments via more agile, more frequent and less costly software upgrades.

## A simplified way of upgrading Calypso

Change and impact assessment largely automated

Smaller and more frequent upgrades

Automation across the breadth of the development lifecycle

Custom code — best practice adoption

New functionality adoption

Support for evergreening of the platform

## What if you choose not to adopt Project Simplify?


If you decide not to upgrade with Project Simplify, you may find yourself in a position where you need to negotiate extended support agreements should Calypso withdraw support for old versions down the track.

## Look what you'd be missing

For instance, let's say you're on Version 15. In the 4 years since you deployed, Calypso has added reams of new functionalities, accelerated performance and taken the user experience to another level altogether. Going forward, with Project Simplify you'll get all the benefits of the software vendor's ongoing technological investment, as standard.

# Upgrade your **Calypso experience**

Previous customer experience	Previous Calypso experience
<input checked="" type="checkbox"/> Bespoke deliveries	<input checked="" type="checkbox"/> Multiple versions
<input checked="" type="checkbox"/> Long upgrades	<input checked="" type="checkbox"/> Old and unique code
<input checked="" type="checkbox"/> Missing Calypso evolutions	<input checked="" type="checkbox"/> Duplication efforts
<input checked="" type="checkbox"/> Software risk	



## Customer's Simplify experience

TCO reduction opportunities

Improved software quality

Improved agility

Reduced risk

Evergreen Calypso platform

# The Luxoft **Project Simplify** accelerator

Luxoft has already delivered several Calypso upgrade projects, including upgrades to v16+ (aka the “Project Simplify compatible version”). Over time, we’ve gained deep knowledge of the platform and developed best practices for migration across different versions. Having embedded the methodology, we’ve established a framework and toolkit to help you along your three-step Project Simplify journey.

## Three steps to Calypso consistency

### Step 1

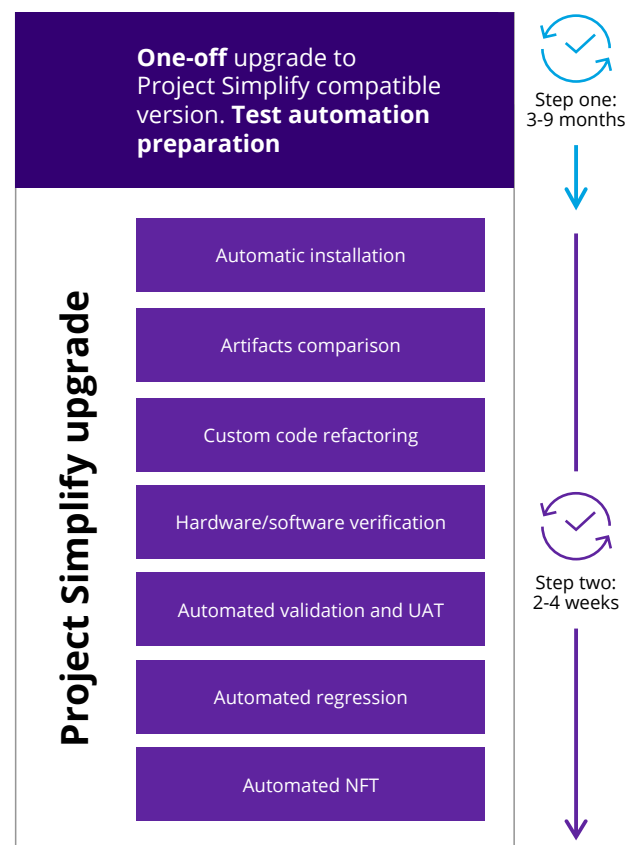
**The first big step takes you from where you are now to a Project Simplify compatible version (e.g., v14.0 to v16.1).**

This extensive upgrade is central to the project’s success and requires a holistic approach to infrastructure, custom-code refactoring, DevOps and test automation. It also prepares your business for rebasing. Luxoft has the toolkit and expertise to reduce the complexity and duration of this step. We use automation to complete a comprehensive refactoring of the development lifecycle, providing a validated and automated regression test pack.

### Step 2

**Now you can take small rebase steps between major releases.**

Once you’re on a Project Simplify compatible version, you’ll begin to benefit from Calypso’s monthly releases, should you choose to do so. Upgrades can take as little as 5–6 days (depending on your testing automation and DevOps maturity levels) assuming you employ the extensive range of Luxoft tools which cover the application and technical environment.



The tools include thorough, automated functional testing, non-functional testing (often overlooked) and help with building rebase practices’ new agile model.

### Step 3

**The final step upgrades your Calypso application to a major new version every 2 years.**

Regular rebasing leveraging Calypso's monthly release cycle makes it much quicker and easier to upgrade to future, major new versions.

### Luxoft Project Simplify accelerator building blocks



## Four success stories

### Calypso upgrade from v14.2 to v16.1

**Challenge:**

A major ANZ bank was running a heavily customized system to meet market and regulatory requirements. Use of the hedge accounting system and a collateral management module further complicated the upgrade.

**Solution:**

Luxoft's experienced Calypso consultants engaged with users and the in-house IT team to secure a smooth transition. Also, they helped implement the Calypso Automated Testing Tool (CATT) which was used widely to automate trade scenarios and compare EOD outputs.

**Benefits:**

- Best-practice advice
- Trusted delivery partner with skills and expertise
- Increased stability, predictability and scalability for the project and production instance

### Calypso upgrade from v11.0 to v14.4

**Challenge:**

A multinational aerospace corporation with a highly complex and customized Calypso version — including some unusable elements — needed upgrading within a tight time frame.

**Solution:**

Luxoft's expert consultants (experienced in Calypso development, upgrades and testing) worked with the in-house IT team to ensure a smooth transition to the new operational version.

**Benefits:**

- Best-practice advice
- Trusted delivery partner with skills and expertise
- Increased stability, predictability and scalability from inception to project and production deployment

### Calypso upgrade from v14 to v16 — treasury and investments

**Challenge:**

A large Eastern European investment bank had decentralized teams running more than 10 parallel Calypso projects to implement multiple financial products. They needed end-to-end testing and a test automation framework driven by the customer, plus greater access for business users and product implementation teams.

**Solution:**

Luxoft provided the testing requirements aligned with Calypso specifics, detailed test scenarios library preparation (HP, ALM, JIRA). We established CI/CD processes and full documentation.

**Benefits:**

- 25% annual cost savings for manual resources
- Single test library and full documentation for delivered processes
- CI/CD processes established

### Back-office consolidation, collateral management and IOSCO regulation

**Challenge:**

A major multinational bank needed to redesign their end-to-end collateral process, sunset legacy applications and consolidate the application stack. Also, delivery of the collateral management module (supporting their strategic change initiative) on a fixed cost basis, plus connectivity to industry utilities.

**Solution:**

Luxoft implemented the simplified target state for collateral management. This involved delivering the collateral module on Calypso v14.4 and integrating it with AcadiaSoft's MarginSphere.

**Benefits:**

- Added skills and expertise to optimize the collateral management implementation
- Faster time to market for the implementation project
- Reduced TCO
- Increased testing coverage and automation

## About **the author**



### **Ihyeeddine Elfeki**

Global Lead, Trading and Risk Solutions

Ihyeeddine has 20 years' international experience delivering technology and business solutions to Capital Markets and Financial Services, with proven success and a track record of delivering optimal results in high-growth environments through initiatives that exceed operational performance targets and yield measurable outcomes.

In 2016, he joined Luxoft's London office to lead the Trading and Risk Solutions practice, first in EMEA and then globally. He has led several deals with banks, asset managers, treasury and commodity businesses, playing a key role in guiding their transformation journeys.

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### **About Luxoft**

Luxoft is the design, data and development arm of DXC Technology, providing bespoke, end-to-end technology solutions for mission-critical systems, products and services. We help create data-fueled organizations, solving complex operational, technological and strategic challenges. Our passion is building resilient businesses, while generating new business channels and revenue streams, exceptional user experiences and modernized operations at scale.

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