Upgrade, Save and Stay Ahead!

Future-proof yourself - Windows 10 support ended on 14 October 2025. Upgrade to the Windows 11-ready version of ZEISS CALYPSO by **31 May 2026** and **save up to 30%** on ZEISS software!

Plus, enjoy a **FREE 1-year software maintenance agreement** when upgrading from **ZEISS CALYPSO version 6.6** or newer.

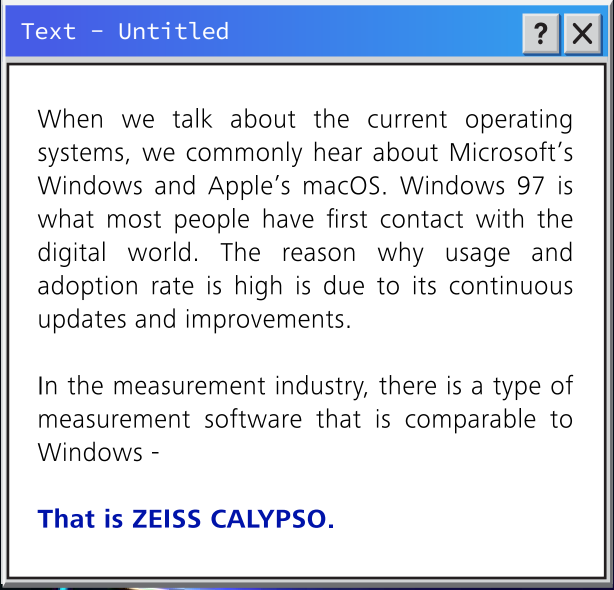
Still on ZEISS CALYPSO 6.4 or older?
Make the switch and enjoy any of the following:
Option A: 1 x service (8 hours max)
Option B: 1 x training (8 hours max)

Register now to upgrade to Windows 11

Define what standard is.

ZEISS CALYPSO

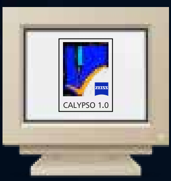
Major Highlights



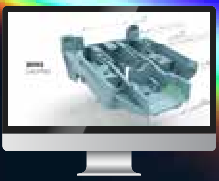
When we talk about the current operating systems, we commonly hear about Microsoft's Windows and Apple's macOS. Windows 97 is what most people have first contact with the digital world. The reason why usage and adoption rate is high is due to its continuous updates and improvements.

In the measurement industry, there is a type of measurement software that is comparable to Windows -

That is ZEISS CALYPSO.



1998



TO DATE

Year 1998

ZEISS CALYPSO 1.0 is ZEISS's first measurement software officially released that is designed for Windows**.**

This marks the beginning of a new era for Windows-based measurement software. Since then, it has continuously innovated and developed to cater to various industries, meeting the ever-changing needs of customers.

Scroll below for

ZEISS CALYPSO

History

Taster Koord Elemente KMG CNC Ausw Prot Dienst Option Hilfe
1665 1662
1625 1470 1652
1614 1615
1674
Vorbereit
Messen
CNC/PRG
0000

ZEISS UMESS served as the "predecessor" of ZEISS CALYPSO, beginning support for computer workstations in 1990. It enabled computer-based coordinate software operations, significantly enhancing the efficiency of measurement machine operations, calculations, and result evaluations.

In 1998, ZEISS CALYPSO 1.0 was officially released. Its introduction allowed operators to perform quick measurements and program development without needing to master complex computer commands, achieving more intuitive and efficient operations in areas such as element detection, tolerance assessment, and report generation.

Over nearly 20 years of technological evolution, ZEISS CALYPSO, as integrated software for standard geometric element detection and other special applications, has fundamentally transformed programming methods with its meticulously designed software architecture and various modular functions. In particular, by integrating Product Manufacturing Information (PMI), it has provided solutions for digital and intelligent programming.

Moreover, ZEISS CALYPSO has always been optimized for Windows compatibility. During this period, the software versions have continuously improved alongside updates to the Windows operating system, with upgrade speeds keeping pace with the times, paving the way for the widespread adoption and application of ZEISS CALYPSO.

1998 ~ 2016

1998

CALYPSO 1.0
System release

Started a new
process for PC based
measurement

2001

CALYPSO 3.0
System release

Started supporting
Windows 2000
operating system

2005

CALYPSO 4.2
System release

Start supporting
Windows XP
operating system

2010

CALYPSO 5.0
System release

Start supporting
Windows 7
operating system

2016

CALYPSO 2016
System release

Start supporting
Windows 10
operating system

During this period, ZEISS CALYPSO has carried out many version updates and optimizations, which have effectively improved the user's operating experience and efficiency, and also laid a good foundation for a better entertainment environment for the software.

Added new elements, feature functions, new measurements, and evaluations

Added the functionality to store report data points, making it easier to trace and re-evaluate

Added report display functionality, making data analysis more intuitive and understandable

Optimized the execution path, saving program run time

As of 2017, with the rapid development and increasing user demands, ZEISS CALYPSO has entered a fast track in design, user experience, and quality assurance. ZEISS keeps pace with technological advancements, focusing on production efficiency, thereby ensuring good quality while reducing time and costs to adapt to the changing needs and requirements of users.

2017 ~ TO DATE

ZEISS
CALYPSO
2024

2017 ZEISS CALYPSO

Expands PMI functionality Integrates new measurement applications and simplifies processes

Expands PMI functionality to automatically generate measurement programs and create related elements and features. Supports reading PMI from various CAD formats and integrates new sensors and applications. Adopts ZEISS PiWeb reporting as the new standard, recording measurement status and intervals, and accelerating CNC operation startup.

ZEISS CALYPSO 2018

More efficient programming
Increased traceability

The program expands 'straightness compliance' to meet ISO 2692 and ISO 1101 standards. It includes control and documentation of measurement program versions. Improved user guidance and dialog boxes. Expanded CALYPSO monitor traceability and simulation functions. Supports installation of new versions via MSI format

2019 ZEISS CALYPSO

Increases productivity
Streamlines processes

The user interface is simple, with tool functions organized. The new method and optimization of the probe optimizer streamline the measurement sequence. Automatically calculates multi-depth measurement sequences, saving measurement time. The PiWeb interface has been improved for speed, and data transmission performance has been enhanced. Additional visualization functions have been added.

ZEISS CALYPSO 2020

Performance Enhancement
Over sixty new features
Increase productivity

The program expands 'straightness compliance' to meet ISO 2692 and ISO 1101 standards. It includes control and documentation of measurement program versions. Improved user guidance and dialog boxes. Expanded CALYPSO monitor traceability and simulation functions. Supports installation of new versions via MSI format.

2021 ZEISS CALYPSO

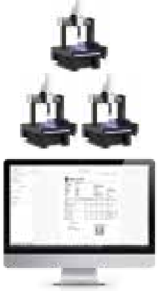
Quality assurance process
Performance enhancement of the entire process chain

Dynamic planning supports the import of ASCII files, adjusts measurement ranges, and reduces CNC time. Supports the creation of measurement programs from PMI. Compatible with STEP format. Optimizes measurement and reporting time, supports the output of text elements, and enhances graphical visualization speed.

ZEISS CALYPSO 2022

Optimized workflow
Increases productivity

Innovative optics and CMM capabilities enable automatic follow-up evaluations. Measurement programs can be used across different setups and are compatible with O-DETECT. Supports different station measurement evaluations, optimizing efficiency. Automatically displays deviations and highlights only the exceeded tolerance values.



2023

ZEISS CALYPSO

Establishing standards in the field of industrial measurement software

New GD&T integration allows for the use and switching of standards, expanding reference possibilities. Interface improvements include new CALYPSO GERBER import for PCB data. Enhanced optical performance with automatic recognition of multiple circular features. CNC indexing options include automatic focusing on feature size.

2024

ZEISS CALYPSO

Prioritize important tasks
Optimize Processes

The 64-bit version of CALYPSO boosts performance across all current operating systems. The new GD&T library and PMI import enhance productivity, while optical measurement improvements and 4-axis scanning with ZEISS LineScan streamline tasks for faster, more efficient results.

ZEISS CALYPSO

By continuously breaking through technological boundaries and implementing long-term updates and optimizations, it not only provides strong support for the global industrial measurement field but also establishes its leadership position in the industrial measurement software sector. From CALYPSO 1.0 to the 2024 version, we have witnessed how a software can, through continuous innovation and improvement, define the standards of industrial measurement software.

ZEISS CALYPSO's sustained development and progress rely heavily on the strong support from users. Users have greatly affirmed the increased usage time of CALYPSO, as well as the stable updates and quality of service provided by the software

Let’s see what our customers have to say:

> ZEISS CALYPSO's sustained development and progress rely heavily on the strong support from users. Users have greatly affirmed the increased usage time of CALYPSO, as well as the stable updates and quality of service provided by the software.

> New version improved GD&T and ISO standards. This makes it very useful for the user.

> The older software versions are still very stable, its basic functions are able to fulfill our needs.

My company has other competitors equipment, in terms of use-ability, CALYPSO is friendlier to new users and easier to pick up.

ZEISS CALYPSO software programming and clean interface makes picking up the software much easier. Programming speed becomes faster. ZEISS also has great support. Overall, the experience is good.

We have used ZEISS machine for years, we have also used their competitor's, when we compare. CALYPSO has a clear and clean interface making it easier to understand.

Future-proof your system with a software upgrade

Upgrade your software to the latest version and secure a Software Maintenance Agreement (SMA) to ensure you never out on future advancements and the continuous evolution of ZEISS CALYPSO.

Register now to upgrade to Windows 11