



Management Summary

PANORAMA sets new perspectives

ITP Software
Systeme GmbH

Master your software with PANORAMA!

www.itp-panorama.com

For the Enterprise

A responsive IT can shorten „time to market“. Business processes that can be changed and implemented in a shorter period of time is keeping the company ahead of the competition.

For the Information Technology

Gain in productivity of enhancement and maintenance of software will reduce the application backlog. More projects with a given budget and development staff. Need to employ external support will be reduced to special expertise.

For the Leader of Development

With the Function Point Analysis the work effort for modifications could be estimated more detailed. While scanning the Function Points were calculated and saved for each line of code. At each selection of programs or group of programs, all Function Points were displayed totalized. Whether migration, redeveloping or outsourcing to an external company, a solid estimation is possible.

For the Developer

Developers have only a view to the application they work on. With PANORAMA they can searching the entire system by mouse click with immediate response. Search over all programming languages through one unified user interface. This is why developers can learn how to work with PANORAMA in two hours. After two hours of training fast searching is raising productivity.

For the Quality Assurance Manager

The correct use of programming-standards can be easily verified. The entire system becomes transparent. Every verification would be answered immediately. More checks in the given time will raise the quality.

For the Administrator

All developers can access PANORAMA by clicking on an icon on their user PC. Client-software resides on a network-disk.

The server software does automatically rebuild the PANORAMA data basis every night. Administration is minimized.

In Complexity

Programming languages: Assembler, Cobol, PL/I, NATURAL, C, C++, JAVA, XML
Data Bases: DB/2, ADABAS, ORACLE, UDS
Transaction monitors: IMS, CICS, UTM, TUXEDO
The source code is split in up to 50 different entities and put in bi-directional relation to each other. All entities can be used as search criteria. On a 64 Bit architecture PANORAMA is able to scan an arbitrary amount of source code.

In the Documentation

PANORAMA provides the technical documentation of all applications from an always current, on-line and real-time basis. Additionally it is possible to create documents through a simple scripting language. These documents can be refreshed any time.

In Speed

Ten millions of lines of code are scanned in < 60 minutes, 20 Mio. in < 120 minutes.
Each simple search is done in < 1 second, complex searches in 1 – 4 seconds.

In Productivity

Time to search for information causes about 40% of the complete effort in maintenance (Gartner Group). Using PANORAMA for searches avoids 90-95% of this effort. Maintenance cost and time can be reduced by 34%.

In Quality

During scan the complete source code will be checked against compilation-errors. Since the developer can see all impacts of changes in advance much of the errors will not be done. Verifying the impacts of a change will be done more frequently, because searching is so fast. This increases the quality of the software.

In Technology

An arbitrary number of clients share the licensed sessions to the server. Hyper-Cube Data-Warehouse Technology is used keeping all data in memory. PANORAMA optimally supports multi-processor technology and is able to answer each query in 1 - 4 seconds.