



HORIZONT

Company Profile

HORIZONT at a glance

**Integrate mainframe applications
into the enterprise DevOps process**

Workload
Automation
HORIZONT

Experts for IT Operations

HORIZONT applications support developers and production planners to integrate mainframe applications into their enterprise DevOps process. As specialist for workload and automation, HORIZONT is proud that more than 300 satisfied customers worldwide give us their confidence.



ProcMan

The Handover Process
Manager

[→ learn more](#)



XINFO

The IT Information System

[→ learn more](#)



SmartJCL

The easy way to faultless
JCL

[→ learn more](#)



Products for IBM
Workload Scheduler
IWS and IWS z/OS

[→ learn more](#)

HORIZONT „at a glance“



Some figures about HORIZONT



since
1993



25
Countries

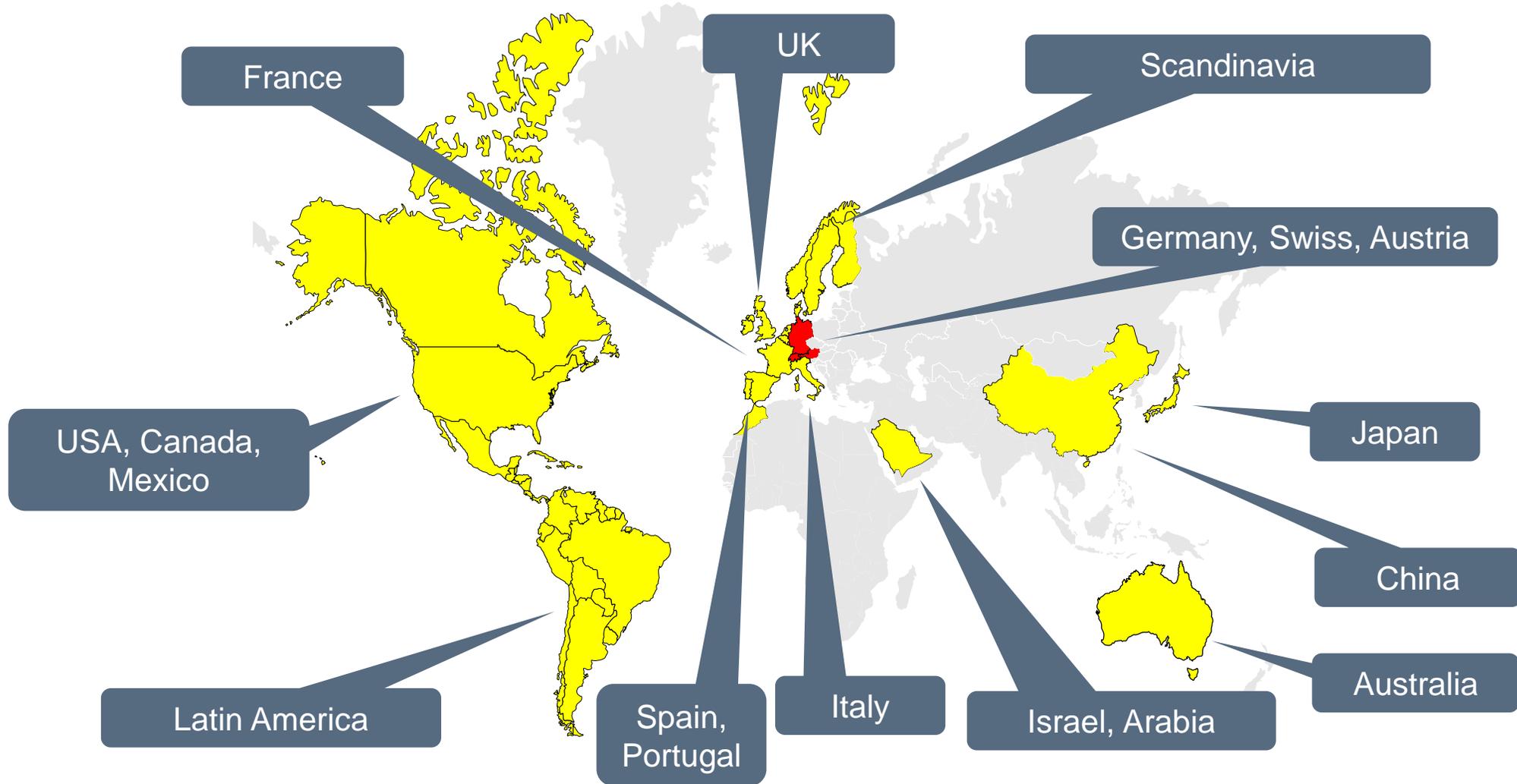


300
Customers



600
Licenses

HORIZONT Customers world wide



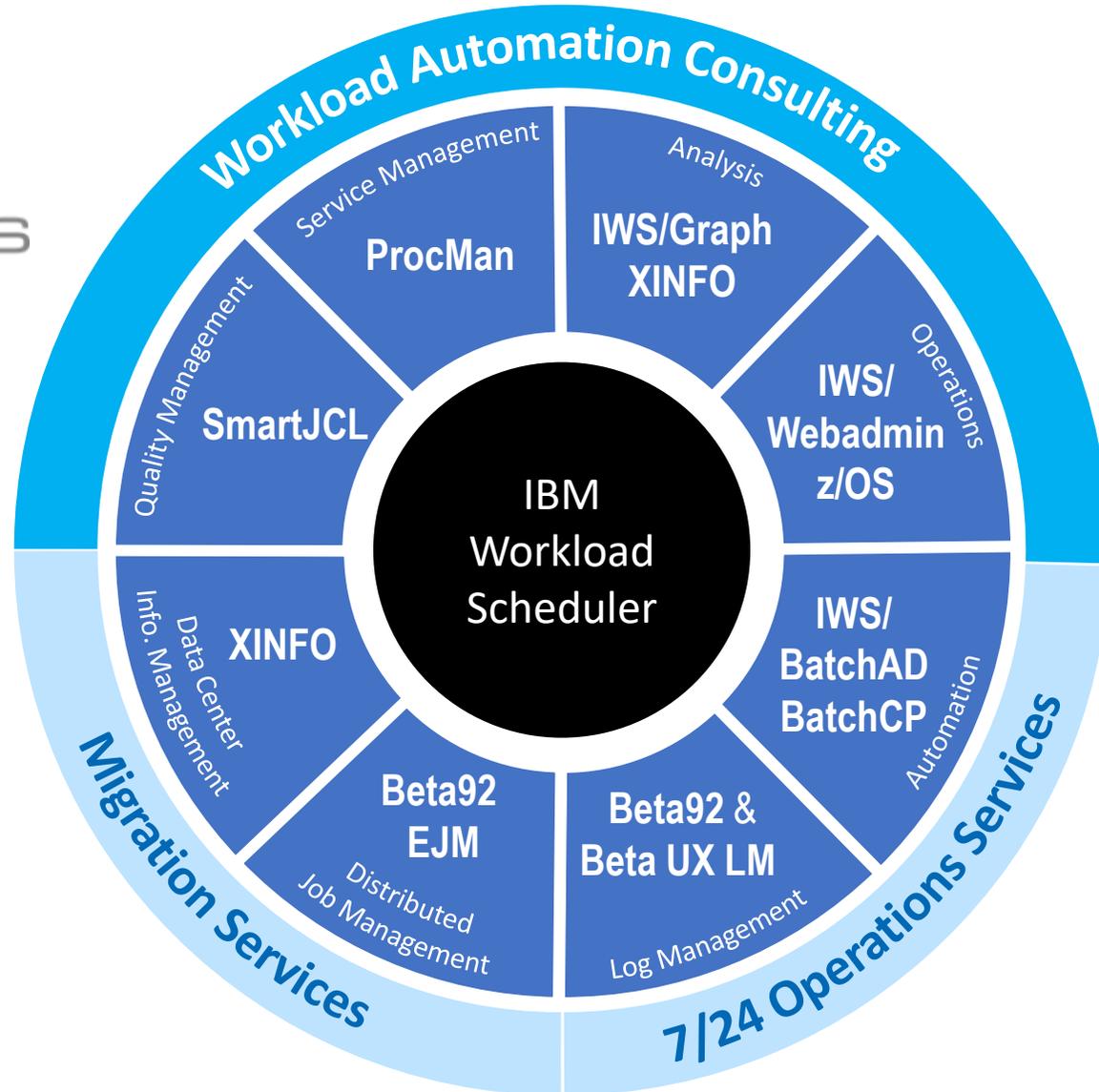


HORIZONT Products and application areas

HORIZONT product name	Application areas
XINFO	IT information and analysis system
SmartJCL	JCL management tool
IWS/Audit IWS/Graph IWS/BatchAD IWS/BatchCP IWS/WebAdmin	Tools for IBM Scheduler IWS z/OS
ProcMan	Handover <u>Process-Manager</u> (DevOps): Request + Edit + Generate + Staging for workload objects like JCL, IWS, Control-M ...

Our solutions for IBM Workload Scheduler (IWS) z/OS

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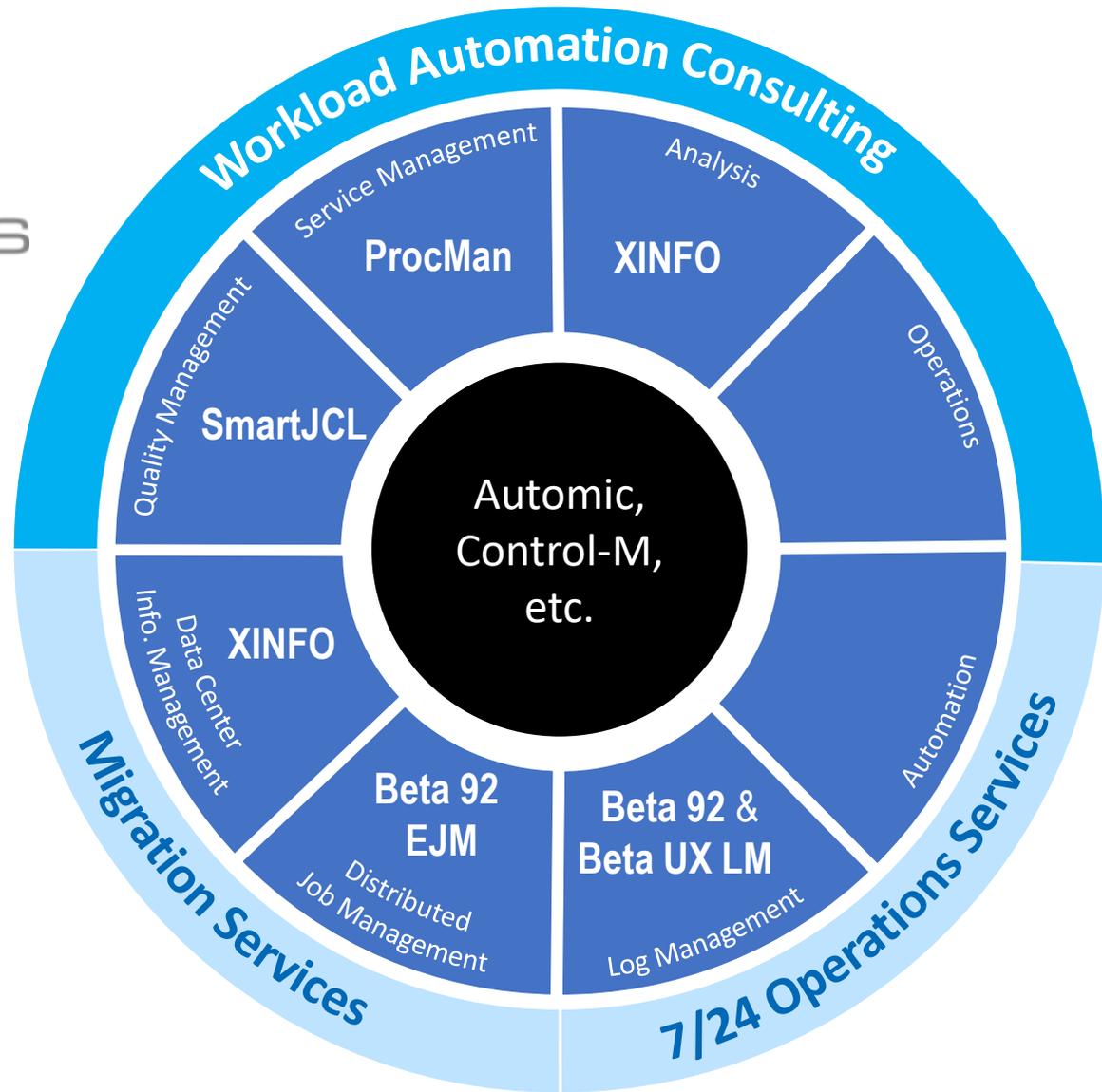


HORIZONT
Beta Systems Group

Our solutions for other workload automation systems

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HORIZONT
Beta Systems Group



Focus of HORIZONT software development

1993-1998: IWS/Graph, IWS/Audit, IWS/BatchAD, IWS/BatchCP, JUS, BIO

1998-2002: SmartJCL

1998-2002: XINFO z/OS, 2003-2008 XINFO distributed

1998-2004: IWS/WebAdmin distributed

2013-2018: IWS/WebAdmin z/OS, new Windows-GUI for XINFO and IWS/Graph

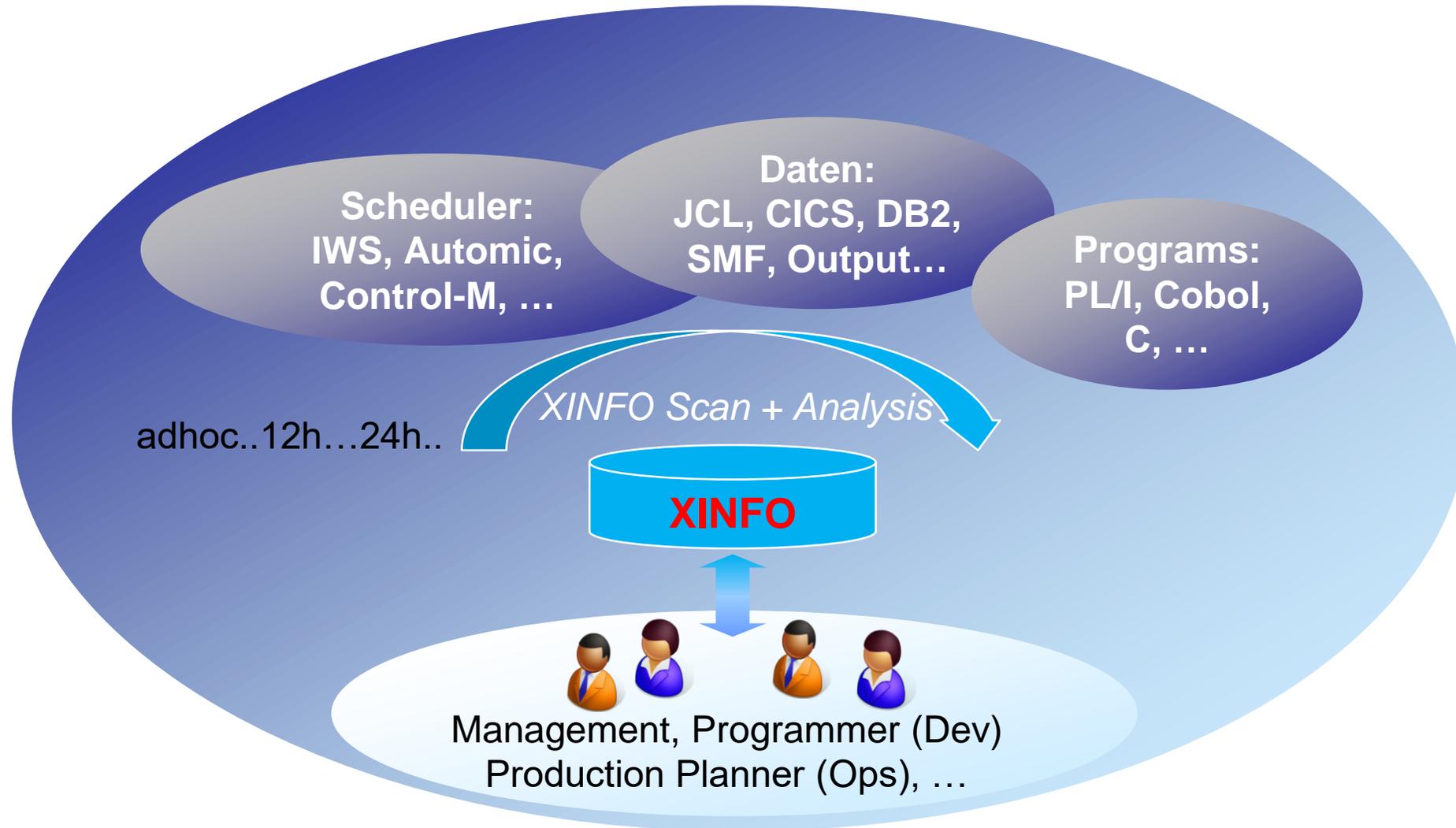
2013-2019: ProcMan for JCL and IWS (z/OS + ds), Staging and Cloning

2020: ProcMan for Control-M

HORIZONT products overview

The following slides provide an overview of each of the HORIZONT products.

HORIZONT product XINFO



HORIZONT product XINFO

Purpose of XINFO:

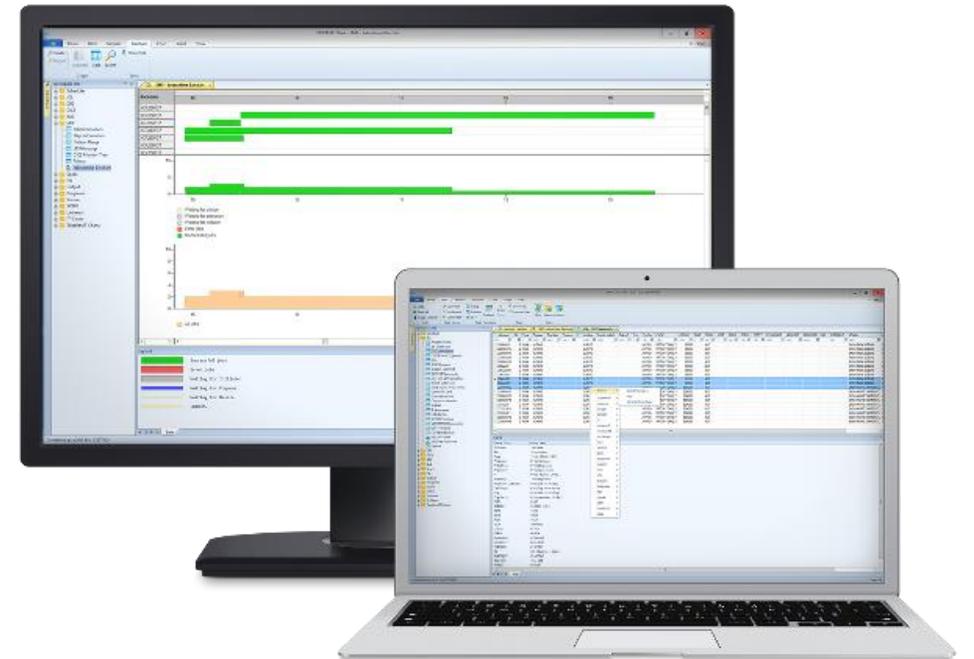
- It's a large-scale information and reporting system („Repository“)
- helpful tool for user groups like Management, Application Developer, Production Planer, etc.

XINFO quickly helps gathering information :

- ✓ where is a program or dataset used
- ✓ when and how did a (critical) job run, was it late?
- ✓ who is using/updating which DB2 table

XINFO helps in projects like:

- ✓ merge, consolidate or separate datacenters
- ✓ maintain or reshape legacy applications
- ✓ cleanup production environments
- ✓ convert scheduling systems and more ...



Purpose of ProcMan:

- ProcMan is a DevOps tool that allows users to request, create, edit, or delete workload objects for IT operations (e.g. JCL, procedures, scheduler definition for IWS z/OS, Control-M, etc.).

Benefits of ProcMan:

- ✓ Significantly reduced, manual effort for Dev+Ops
- ✓ Object changes are checked by ProcMan and automatically applied
- ✓ JCL, IWS and Control-M objects are generated for any number of environments
- ✓ Automated environment updates possible
- ✓ Versioning of all objects
- ✓ Seamless audit-trail for all changes by ProcMan

ProcMan: for JCL, IWSz, Control-M etc.

Handover process activities (Sample)



- Roles are assigned with specific rights
- Powerful set of rules for checking and generating/adapting the objects
- Activities can be submitted automatically

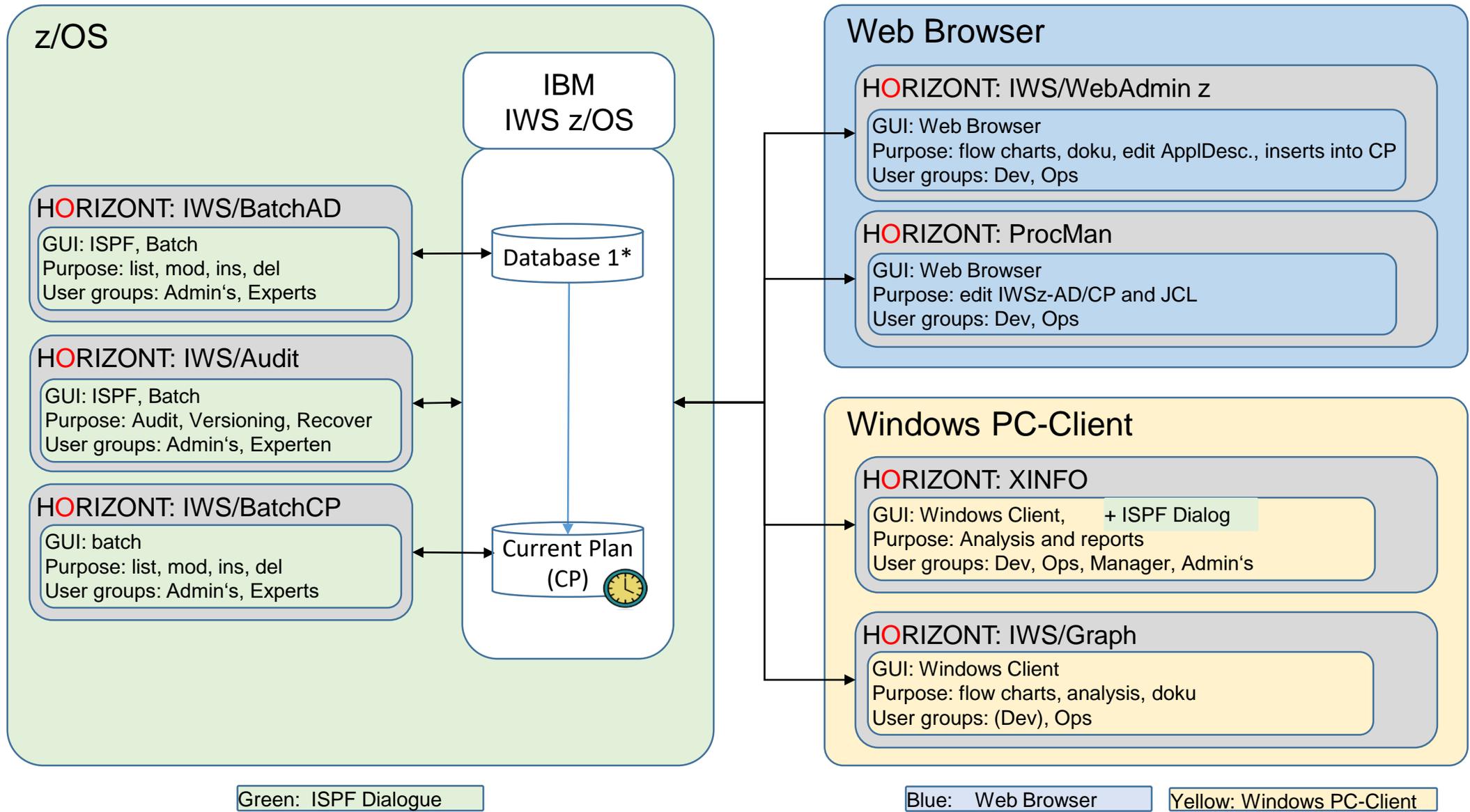
JCL management tool (mainframe Job Control Language)

Basic functions are:

- JCL check, JCL reformat
- JCL mass update
- Scheduler interfaces to IWS z/OS and Control-M:
 - variable substitution
 - JCL check
- REXX-Interface for flexible verification of your standard rules
- Optional individual quality checks
- Batch and online



HORIZONT products for IBM IWS z/OS



HORIZONT product IWS/Graph

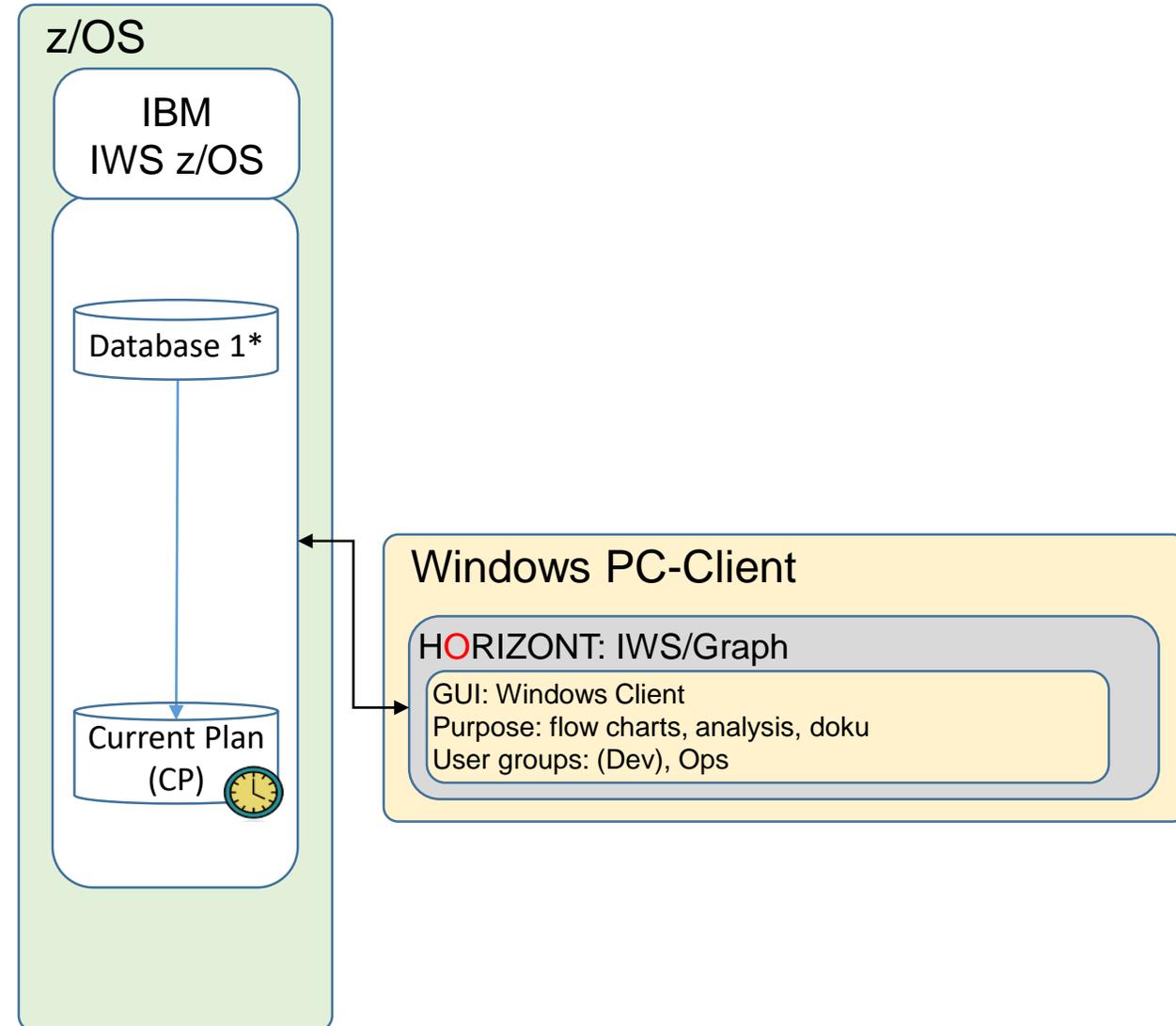
IWS/Graph application area:

IWS/Graph provides access to the current plan, the application description and the JCL.

- IWS/Graph can be operated either online or offline
 - Offline with copies of the current plan application description. The copies are stored locally on your PC, the user doesn't need host access.
 - Online with direct access to IWS z/OS data
 - Online as status monitor for „IWS for z/OS“

Benefits of IWS/Graph:

- ✓ Users can visualize extensive IWSz workflows with a large number of applications and operations as a flow chart diagram
- ✓ Fast analysis of job dependencies



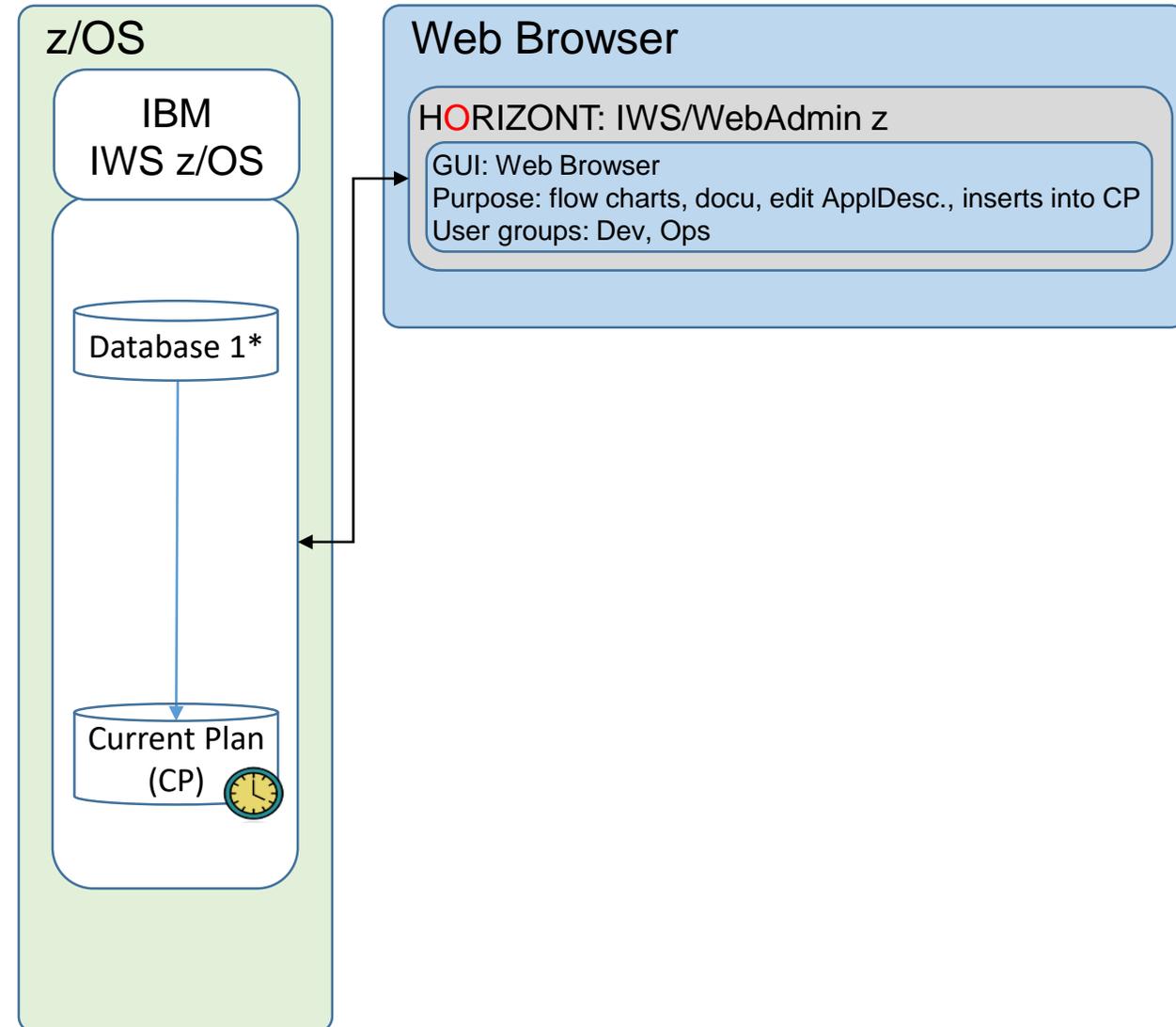
HORIZONT product IWS/WebAdmin z/OS

IWS/WebAdmin z/OS application area:

- Edit requests in the database: create, change and delete application description, operations, dependencies and run cycles
- Analyze AD and CP
- Process requests in the CP and LTP
- Status monitoring at business level or job level

Benefits of IWS/WebAdmin z/OS:

- ✓ IWS/WebAdmin is the program for all users who work directly with IWS z/OS or simply need IWS information.



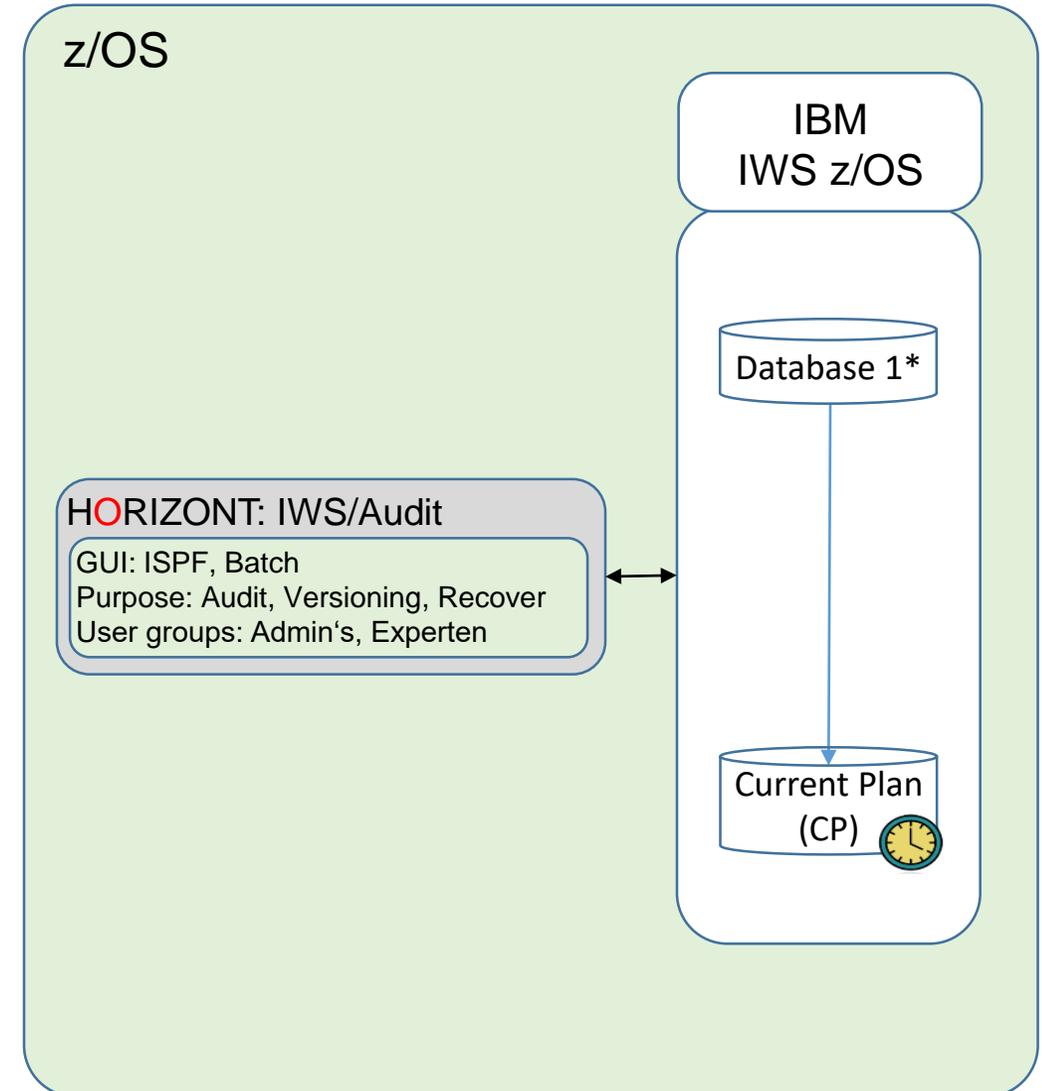
HORIZONT product IWS/Audit

IWS/Audit application area:

- IWS/Audit analyses the IWS Tracklog and JT files, the changes are stored in a separate database.
- IWS/Audit logs all changes to objects:
 - Database: Application Description, calendars, SRES etc.
 - Long term plan
 - Current plan
 - JS file (JCL)

Benefits of IWS/Audit:

- ✓ IWS/Audit is a revision and versioning system for all staff who work with IWS z/OS or need information about changed IWS z/OS definitions and changes to the current plan.



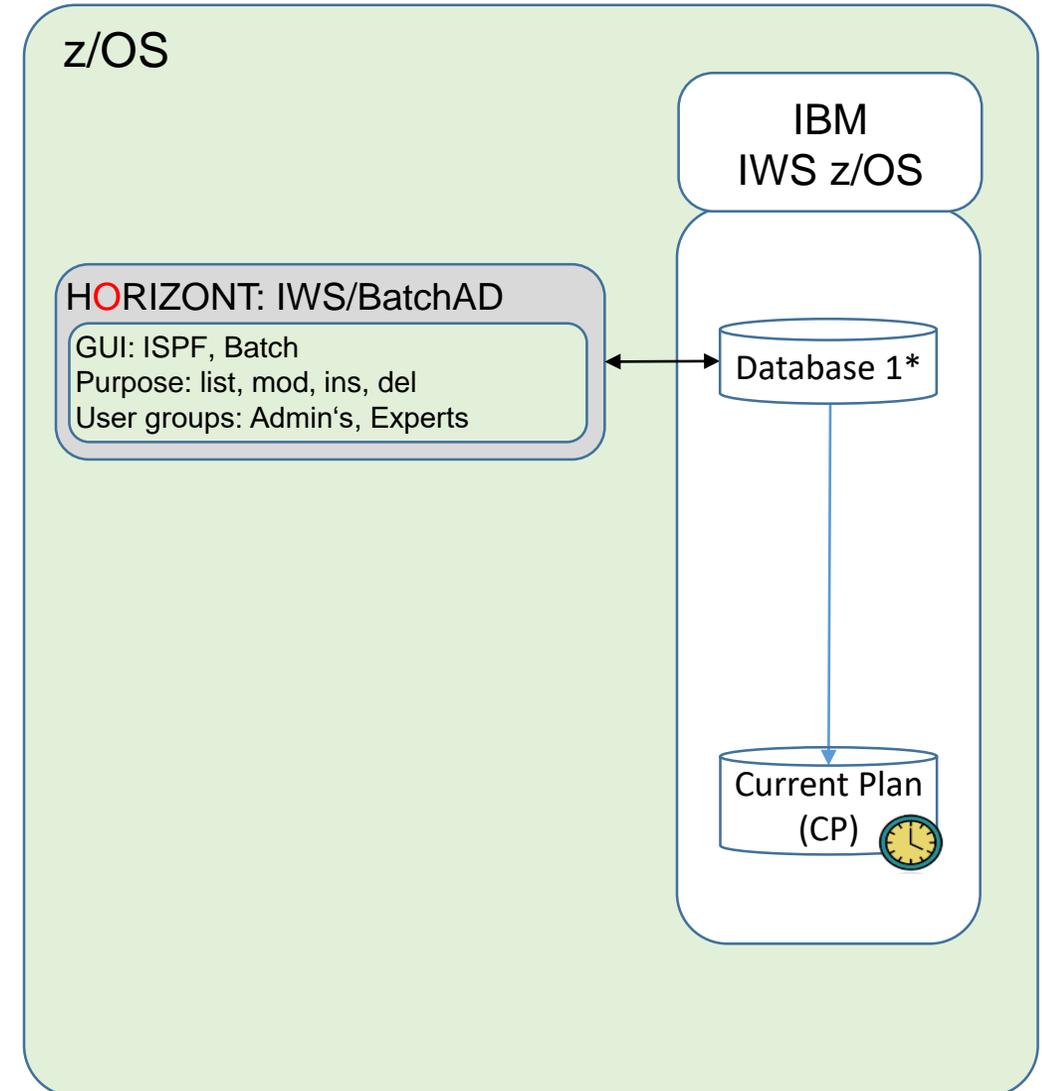
HORIZONT product IWS/BatchAD

IWS/BatchAD application area:

- Modifies IWSz-AD definitions in batch (JCL) and in dialog programs (Clist, REXX)
- Insertion or deletion of sub-objects (e.g. special resources, dependencies, etc.)
- Controlled mass changes are possible
- Export and import of IWS data between different IWS subsystems

Benefits of IWS/BatchAD:

- ✓ IWS z/OS own options are incomplete and complicated. IWS/BatchAD enables a complete and standardized interface.



HORIZONT product IWS/BatchCP

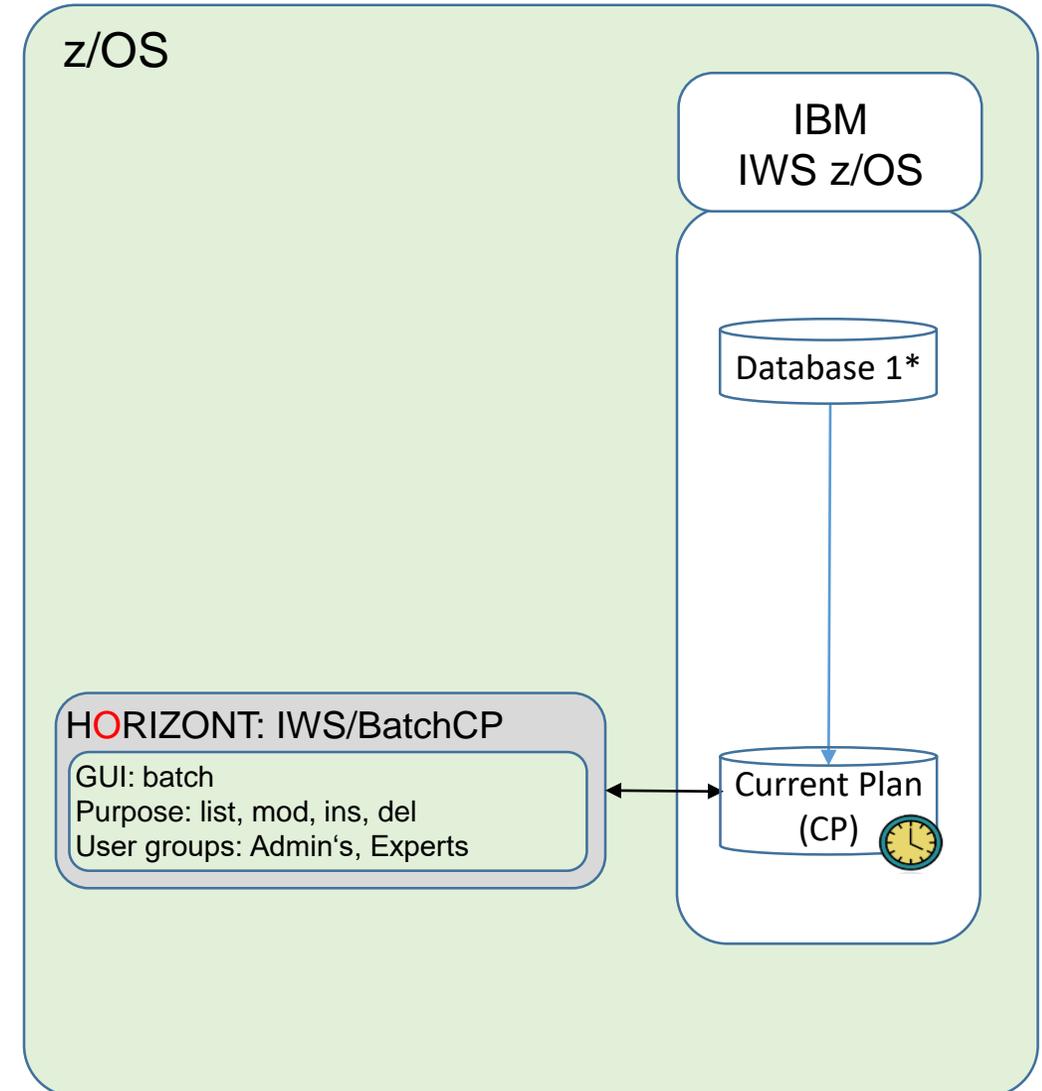
IWS/BatchCP application area:

IWS/BatchCP accesses the current plan and the long-term plan via the IWS Program Interface (PIF).

- An IWS/BatchCP action can be scheduled for repetitive actions and started as a batch job
- IWS/BatchCP can also be used in REXX or CLIST functions
- All inputs by IWS/BatchCP are checked for plausibility and authorization, analogous to the IWS dialog

Benefits of IWS/BatchCP:

- ✓ IWS/BatchCP is the automation and change system for all staff who make changes in the current plan and the long-term plan.



Thanks for your attention! Do you have any questions?

The logo for 'HORIZONT' features the word in a bold, sans-serif font. The letter 'O' is highlighted in red, while the other letters are dark grey. The background is light grey with a red curved shape on the left and several faint geometric shapes (squares and a triangle) scattered around the text.

HORIZONT

Please feel free to visit us in Munich or send an email to
info@horizont-it.com