

Beta 91

Automated Balancing and Quality Manager

Your benefit by using Beta 91

- [x] Quality control secures profitability
- [x] Secure production using fewer resources
- [x] Automated quality control and professional quality management
- [x] Flexible adjustment to production specifications

Automated quality control in DP production

The demand for data quality

Today more than ever DP production is one of the most central and sensitive areas of all business processes. The integrity of input data is the most important prerequisite for secure, error-free production, which means that data needs to be checked before and after processing.

Effective protection from production breakdowns

Defective results, a late online start, costly repair and recovery measures, loss of time within the batch window and the resultant financial losses can all be avoided. With Beta 91, input data is checked, ensuring trouble-free business processes.

Quality control secures profitability

Beta 91 Automated Balancing and Quality Manager gives you comprehensive security for data center production processes through automated quality control and professional quality management. This solution provides the necessary protection from faulty data processing, ensuring that your production runs profitably and that you keep your customers' confidence.



Highlights

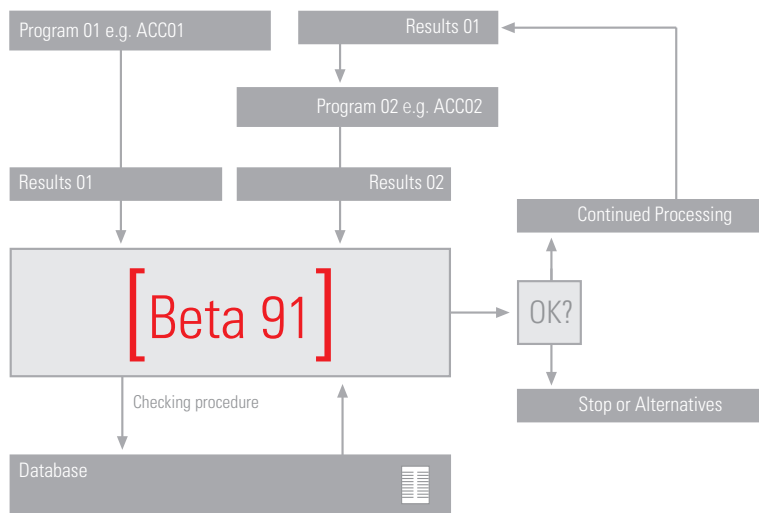
- [x] Interactive user interface for the input of checking routines
- [x] Test scenarios for new checking routines
- [x] Online monitoring for the supply of current status information
- [x] Report Generator documents the checking routines used.

Secure production using fewer resources

Manual verification of data to be processed has been proven to be unreliable and error-prone. Individually developed tools are also problematic, because the costly creation and adjustment of software uses up valuable resources and complex requirements cannot be met.

For secure quality control you need a standardized software solution to carry out automatic error checking, ensuring that only verified data is processed in a cost-effective manner, and in accordance with your requirements.

With Beta 91 Automated Balancing and Quality Manager, Beta Systems provides a solution which can be used flexibly for comprehensive data quality management. The system automatically identifies and escalates errors, enabling you to react more quickly and directly to eliminate errors, and reducing personnel costs.



Flexible integration into existing processes

Data checking can be integrated into existing workflows according to your requirements. Checking routines can be accessed from the JCL or directly from the program code. After adjusting the control parameters, a message is sent (via e-mail, Console, Tivoli and log files) if there is a discrepancy. Further processes are then also determined e.g. termination, alternative job processing, checking of other parameters etc.

Permanently up-to-date status information

Online monitoring of all ongoing quality checks, balancing processes, and results means that current job status is always available.

Documentation of data quality management

The Report Generator produces comprehensive reports on checking procedures which have been carried out, checked results and parameters, and identified discrepancies and error messages.

Test runs for new checking procedures

Extensive test scenarios and complex production runs can be simulated for smooth integration of new checking procedures into existing production processes.

Backout function

Where an error occurs, the previous data status can be recovered online or in batch mode using "Restart".



Supports all MVS standards

- [x] Job restart: CA11, ZEBB, TWS
- [x] Installation and maintenance: SMP/E
- [x] Security: RACF (SAF)
- [x] Report generation: SMF Record
- [x] Files: VSAM, ESDS
- [x] Online dialog: ISPF

Efficient checking routine input

Users are interactively led through several ISPF panels to create checking routines. Existing checking routines can also be modified in this way. Beta 91 then generates the checking syntax. Interface-controlled input assistance helps to avoid syntax errors and achieve the greatest possible operating efficiency enabling users to use the entire range of functions, even without specialist knowledge. The definitions of all checking routines are also standardized and clearly structured.

Flexible adjustment to production requirements

An easy-to-learn interpreter language comprising about 40 commands is available for optimizing checking routines or for a range of further functions, including arithmetic operations, comparisons and database activities. Special checking routines can thus be created and adapted to production requirements.

Correcting faulty production runs

If a production run is faulty, you can, using Beta 91, reverse the respective jobs in a "backout" procedure, so that fields return to their original values. You can choose whether to restore a job completely, partly or to restore only individual data fields.



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