

# Solution Sheet

## Audit Extraction Cockpit (AEC)

### Description

**Locate, extract, and analyze the exact data you need from online or archived sources.**

Your database is a goldmine for anyone who wants to analyze and identify productivity gains or financial savings which can sometimes amount to millions.

Your database also contains essential and critical information for tax audit purposes.

This certified solution allows the SAP Competence Centre to easily retrieve any table-based online or archived data. It also allows the business user (audit or tax manager, etc.) to extract the right data for their report preparation; all within the parameters set by the system administrator.

The principle is to save time, encourage proactive identification of abnormalities or errors, and meet audit demands for the business users. The technical also saves time and can focus on their technical projects while still retaining full control of extraction process through automation and security parameters.

### Features

**Highlights of the functions of AEC:**

- Large data extract at minimal time.
- Smaller extracts are returned within seconds.
- Schedule and automate large extracts.
- Table-based extract logic without any link to DaRT.
- File size and job timings are validated by the system administrator in advance.
- No risk of system performance problems or collapse.
- File output can be into a windows directory or content server.
- Extracted file can be used directly by another audit solution.

### Advantages

Using AEC for data extraction provides different advantages for technical administrator and business users:

**For system administrators:**

- Fully automated.
- Optimised session time.
- Ability to define data size, number of extracts per table, specific date and time for extraction, and file output.
- Ability to set user level authorizations and security parameters.
- Help your team to focus entirely on IT projects rather than ad hoc or regular data extraction.
- Optimized file size for AIS format.

**For auditors:**

- Easily extract the right data at anytime.
- Schedule extracts on demand or periodically (daily, weekly, monthly, per fiscal period, quarterly, annually).
- Define output formats (AIS, CSV, other flat files).
- Create links between tables.
- Field level data selection.
- Complete traceability of finished extracts.



# Solution Sheet

## Audit Extraction Cockpit (AEC)



### Benefits

- Time gains to run regular, adhoc, defined, managed, or continuous analysis.
- Meet compliance demands in a timely manner.
- Proactively identify abnormalities and errors, that can result to financial savings.
- Ability to address inconsistencies, if any, during the tax audit preparation before submission to tax authorities.
- Confidence of data integrity especially for tax audit preparation.
- Autonomy and flexibility for business users.
- Full system security and control by the SAP administrator.
- Assurance of system performance stability during extraction process.

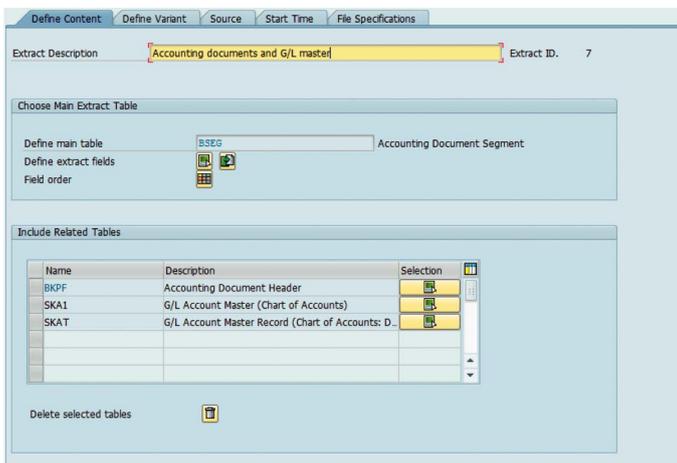
### Testimonials

« AEC was selected as the solution for Data Extraction due to its functionality, ease of use and cost effectiveness. We already had an excellent experience with TJC for our archiving project and so we were confident that they could deliver on this very important project. The main advantages that we found were the ease of use of the product, quick to implement and easy to train appropriate staff, both IT and Database administrators. It also allows independence from the database department to rapidly perform data extractions from live or archived environments. The AEC solution allowed us to analyse the full scope of data and reinforce our day-to-day knowledge of the business. In addition, TJC have always provided us with support in an efficient and professional manner.

**John BOWERS,**  
Group Internal Audit Manager, IT,  
SMURFITT KAPPA GROUP

« External auditors for the purpose of their statutory audit are demanding more data which we can only extract with AEC. e.g extract of all transactions postings in SAP to test the integrity of the trial balance.

**Mahendra PATEL,**  
Former Director, Internal Audit Europe



Define Content | Define Variant | Source | Start Time | File Specifications

Extract Description: Accounting documents and G/L master | Extract ID: 7

Choose Main Extract Table

Define main table: BSEG Accounting Document Segment

Define extract fields: [Icons]

Field order: [Icons]

Include Related Tables

Name	Description	Selection
BKPF	Accounting Document Header	[Icon]
SKA1	G/L Account Master (Chart of Accounts)	[Icon]
SKAT	G/L Account Master Record (Chart of Accounts: D...	[Icon]

Delete selected tables: [Icon]



System management

- General parameters
- Security and Access
- Prohibited start times
- View logs

Extract management

- General parameters
- Table relationships
- Customizing parameters
- Number ranges

Toolbox

- Create archive statistics
- Create transport

**AEC**  
by TJC