



**Preface:**

Both SAP and TK enable creating user-defined fields and modifying existing fields' description. This functionality enables consultants to configure TK (and/or SAP) systems differently for various customers (in order to achieve the highest level of customization for each customer).

For example, some customers use "sort code" for "supervisor" while others may utilize one of TK's "EMPLU" tables. This differentiation requires configuring TK-SAP Employee-interface for each customer.

**Implementation:**

Configuring the SAP interface requires cooperation from both TK consultant and the customer's SAP consultant.

Both integrators need firstly to "map" the fields i.e. map the SAP fields to the proper TK fields. Once the fields are mapped, the customer's SAP consultant is required to create an ASCII file with the required employee information.

Once the file is created, TK's consultant is required to define an Import profile accordingly (via Import/Export utility).

The following table is an example for field-map used by one of our customers. It is provided in this document in order to provide you with a baseline for the SAP-TK interface.

SAP					TimeKeeper					
Description	SAP Info type	SAP Field	Type	Length	TK Table	Field	Type	Length	Lookup TK Table	s Require Default
Employee number	0000	PERNR	Numc	8	employee	employee	Char	12	N/A	YES
Status field	0000	STAT2	Char	1	emplu01	number	Int	10	EMPLU01	
Initials	0002	INTIS	Char	10	employee	mid_init	Char	1	N/A	
Known as name	0002	RUFNM	Char	40	employee	first_name	Char	12	N/A	YES
Last name	0002	NACHN	Char	40	employee	last name	Char	20	N/A	YES
Cost Centre	0001	KOSTL	Char	10	employee	department	char	10	Dpartmnt	YES
Payroll Area	0001	ABKRS	Char	2	employee	plant (2)	char	6	PLANTS	YES
Org. Unit	0001	ORGEH	Numc	8	emplu02	number	int	10	EMPLU02	
Personnel Area	0001	WERKS	Char	4	employee	plant (4)	char	6	PLANTS	YES
Personnel sub Area	0001	BTRTL	Char	4	employee	site (4)	char	6	SITES	YES
Employee Sub Group	0001	PERSK	Char	2	employee	site (2)	char	6	SITES	YES
Status 0	-	-	-	-	employee	Att_Stat0	Smallint	2	N/A	YES
from 0Status	-	-	-	-	employee	Att_Stat0_fr	datetime	8	N/A	YES
till 0Status	-	-	-	-	employee	Att_Stat0_to	datetime	8	N/A	YES
Pay period type	-	-	-	-	employee	Accum_code	tinyint	1	N/A	YES
Cycle start date	-	-	-	-	employee	Cycle_from	datetime	8	N/A	
Sort 0	-	-	-	-	employee	Sort0	char	6	Sort 0	YES
Sort 1	-	-	-	-	employee	Sort1	char	6	Sort 1	YES
Sort 2	-	-	-	-	employee	Sort2	char	6	Sort 2	YES
Sort 3	-	-	-	-	employee	Sort3	char	6	Sort 3	YES
Sort 4	-	-	-	-	employee	Sort4	Char	6	Sort 4	YES
Position Number	0001	PLANS	Numc	8	emplu03	number	int	10	EMPLU03	
Reports to Position	HRP1001	SOBID	Numc	8	emplu04	number	int	10	EMPLU04	
Reports to Employee no	HRP1001	SOBID	Numc	8	emplu05	number	int	10	EMPLU05	



Description	SAP Info type	SAP Field	Type	Length	TK Table	Field	Type	Length	Lookup TK Table	Requires Default
Reports to Initials	0002	INTIS	Char	10	emplu05	number	int	10	EMPLU05	
Reports to Surname	0002	RUFNM	Char	40	emplu05	number	int	10	EMPLU05	
Reports to Cost Centre	0001	KOSTL	Char	10	emplu06	number	int	10	EMPLU06	
ID/Passport no	0002	PERID	Char	20	employee	id_number	char	16	N/A	
Cell no	0006	NUM02	Char	20	Empvar	Phone1	char	20	N/A	
Contract	-	-	-	-	employee	Contract0	char	8	N/A	YES
Contract From	-	-	-	-	employee	Cont0_from	datetime	8	N/A	YES
home contact number	0006	TELNR	Char	14	employee	user2	char	10	N/A	
Work ext	0006	NUM03	Char	20	Empvar	Phone2	char	20	N/A	
Emergency contact name	0006	STRAS	Char	60	Empvar	Emerg_name	vchar	50	N/A	
Emergency contact number	0006	TELNR	Char	14	Empvar	emerg_phone	vchar	50	N/A	
Pay Scale Group	0008	TRFGR	Char	8	employee	User3	char	10	N/A	
Pay Scale Level	0008	TRFST	Char	2	Empluo7	number	int	10	empluo7	
Date Joined Group	0041	DAT01	Dats	8	employee	hire_from	datetime	8		YES
Date of engagement	0041	DAT02	Dats	8	Empvar	promotion	datetime	8	N/A	
Date of birth	0002	GEDAT	Dats	8	employee	birth_date	datetime	8	N/A	
number Badge	-	-	-	-	Badge	Badge	char	12	N/A	
Badge from	-	-	-	-	Badge	From	Datetime	8	N/A	
Badge till	-	-	-	-	Badge	Till	datetime	8	N/A	
End date	0000	BEGDA	Dats	8	employee	hire_till	datetime	8	N/A	YES

## **Notes**

1. Highlighted fields (yellow) - Mandatory fields in TimeKeeper
2. Integrated ImproNET systems – If ImproNET access control system is installed, badges (enrollment and badge information) are created in TimeKeeper (while TK updates ImproNET ONLINE). SAP does not hold badge information (badge assignment/scanning is done through TK).
3. As always, ensure importing (or manually set-up) all the Employee-related tables e.g. Plants, Sites, Departments, Profession, Lookup tables etc) prior to the employee import.