

Handy Terminal Direct Labor system Specifications Documentation EN for NTMT Blueprint

R1

Made for : NIDEC TECHNO MOTOR (Thailand) Co., Ltd.

By : TOMAS TECH CO.,LTD.



TOMAS TECH

TOMAS TECH CO.,LTD.

7/1 (3C) Udomsuk 46 Alley, Khwaeng Bang Na, Khet Bang Na, Bangkok 10260 Thailand

Tel : +66-98-271-9741 E-mail : info@tomastc.com

Revision History

Date	Version	File name	Details
12/Oct/2023	R1	Handy Terminal Direct Labor system Specifications Documentation EN for NTMT	First edition

■ Contents

1. Overview
2. Overall configuration diagram
3. Document information
4. System functional specifications
5. Q&A
6. Sign off

1. Overview

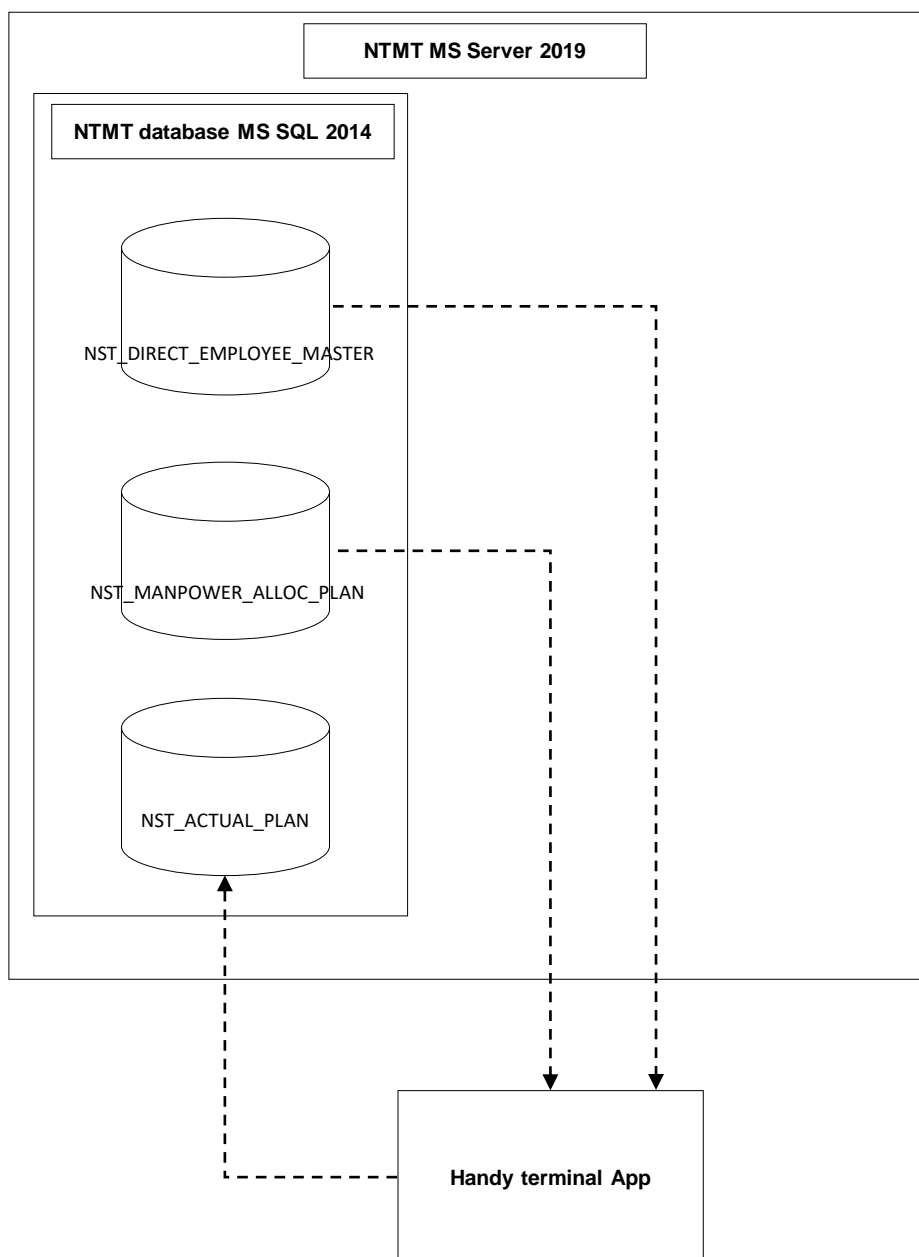
Direct Labor system. Work efficiency and work accuracy can be improved with Handy Terminal support.

1. Can choose to have workers work according to the set plan.
2. Able to collect and record Worker entry-exit information accurately, precisely, This allows the information to be used efficiently.

2. Overall configuration diagram

Link with the NTMT database.

Overall configuration diagram image



3. Document information

1. Database information

System :	NSTDWH	Table Layout	Create	Version	
Area :	Add-On		2023/10/11	1	
Table Name:	NST_DIRECT_EMPLOYEE_MASTER				Create by : Chanita
Description:	For keep register employee				Update by :

No.	Logical name	Field name	Type	Length	Not null	P_Key	Default	Notes
1	Employee Id	EMPLOYEE_ID	VARCHAR	10	Y	Y		
2	Employee Name	EMPLOYEE_NAME	NVARCHAR	50	Y			Thai language
3	Section	SECTION	VARCHAR	30				
4	Position	POSITION	VARCHAR	20				
5	SEX	SEX	VARCHAR	1				M=Male/ F=Female
6	Status	FLAG	DECIMAL	1			0	0:Normal /1:Resign
7	Start Date	BEG_EFF_DATE	DECIMAL	8				YYYYMMDD
8	End Date	END_EFF_DATE	DECIMAL	8				YYYYMMDD
9	Entry Date	ENTRY_DATE	DATETIME		Y		getdate()	
10	Entry User	CHG_USER_ID	VARCHAR	10	Y			

System :	NSTDWH	Table Layout	Create	Version	
Area :	Add-On		2023/10/11	1	
Table Name:	NST_MANPOWER_ALLOC_PLAN				Create by : Chanita
Description:	For keep Manpower Allocate Plan				Update by :

No.	Logical name	Field name	Type	Length	Not null	P_Key	Default	Notes
1	Employee Id	EMPLOYEE_ID	VARCHAR	6	Y	Y		
2	Start Date	BEG_EFF_DATE	DECIMAL	8	Y	Y		YYYYMMDD
3	Workshop	WS_CD	VARCHAR	10	Y			
4	Machine Line	MACHINE_LINE	VARCHAR	10	Y			PROCESS
5	Shift	SHIFT	VARCHAR	1	Y			A/B
6	Program Name	PGM_NAME	VARCHAR	30	Y			Program name : ALLOC_PLAN
7	Entry Date	UPD_DATE	DATETIME		Y		getdate()	
8	Entry by User	UPD_USER_ID	VARCHAR	10	Y			
9	Update Date	LUPD_DATE	DATETIME		Y		getdate()	
10	Update by User	LUPD_USER_ID	VARCHAR	10	Y			

System :	NSTDWH	Table Layout	Create	Version	
Area :	Add-On		2023/10/11	1	
Table Name:	NST_ACTUAL_PLAN				Create by : Chanita
Description:	For keep Actual Manpower transaction scan				Update by :

No.	Logical name	Field name	Type	Length	Not null	P_Key	Default	Notes
1	Employee Id	EMPLOYEE_ID	VARCHAR	6	Y	Y		
2	Transaction Date	TRANS_DATE	DECIMAL	8	Y	Y		YYYYMMDD
3	Transaction Time	TRANS_TIME	DECIMAL	6	Y			hhmmss
4	Workshop	WS_CD	VARCHAR	10	Y			
5	Machine Line	MACHINE_LINE	VARCHAR	10	Y			
6	Shift	SHIFT	VARCHAR	1	Y			
7	Transaction Type	TRANS_TYPE	VARCHAR	5	Y	Y		IN/OUT
8	Program Name	PGM_NAME	VARCHAR	30	Y			Program name : ACT_PLAN
9	Entry Date	ENTRY_DATE	DATETIME		Y		getdate()	
10	Entry User	CHG_USER_ID	VARCHAR	10	Y			

4. System functional specifications

4-1. Handy terminal function

Handy terminal function / screen image

1.User Login

User Login

Please scan your code v.1.5.0

×

Shift code

A

Work shop no

ASSY AM50 Line A

+

Log in

2.Main Menu

Main Menu

Shift code :

Completion [P2]

NG Label [P3]

Component Detail [P4]

Direct Labor

App close [P1]

3. Direct Labor

Direct labor

Shift : A B Other

In/Out : In Out

ID :

Material code :

Wks :

Lot number :

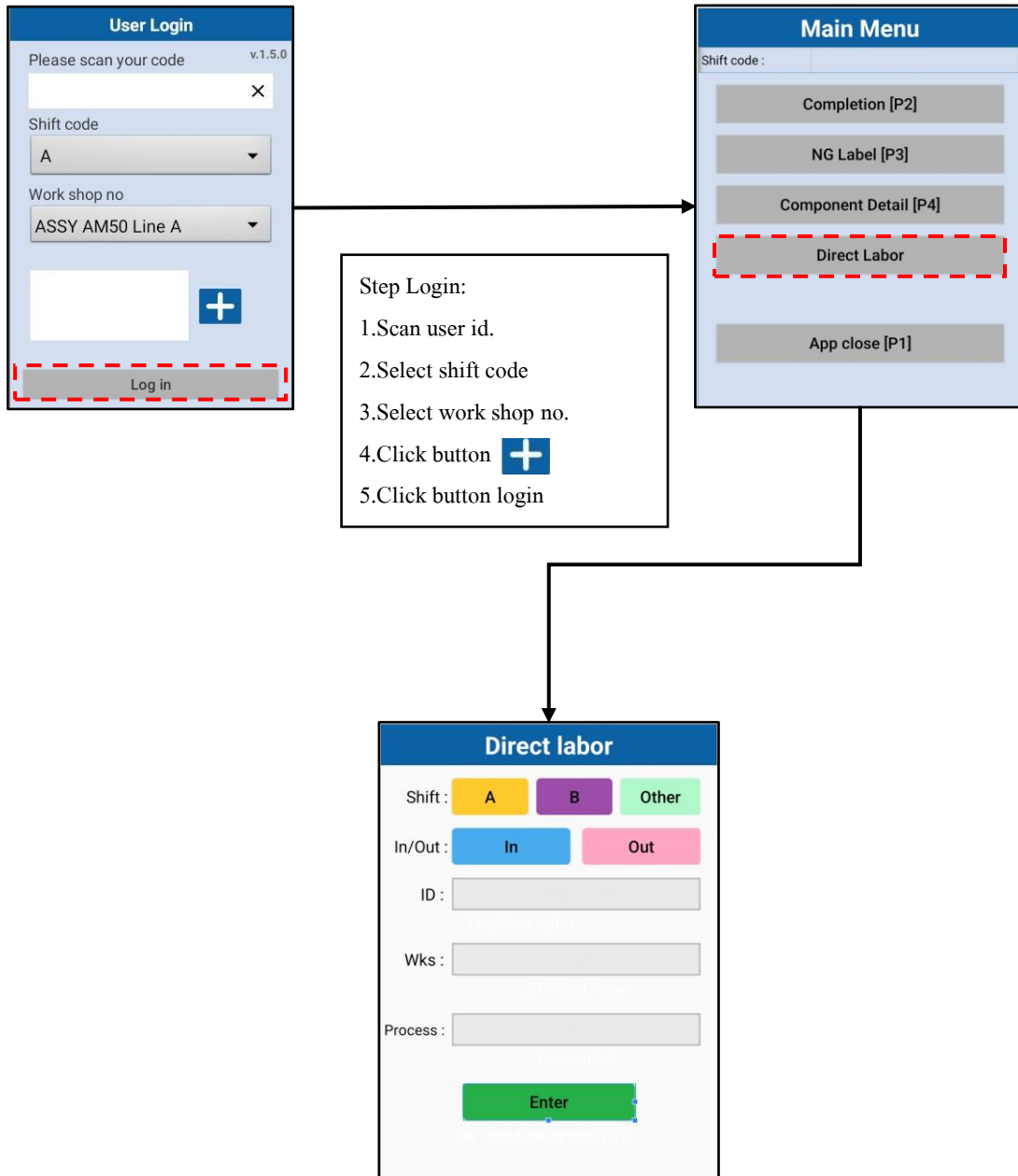
Process :

Enter

4. System functional specifications

4-1. Handy terminal function

Handy terminal function / screen flow



4. System functional specifications

4-1. Handy terminal function

Handy terminal function / screen flow

Direct Labor

Click the button to select the desired shift.

Shift : A B Other

Scan or manual key user id.

In/Out : In Out

Select process list
If there are no list,
they can be filled manual

ID : BX0012345
Ms.Aaaa bbbb
Wks : STMD ▼
ST Mold Assy
Process : A1 ▼
Machine A

Click the button to select In / Out.

Select workshop list
If there are no list,
they can be filled manual

Enter

OK : 2023/09/22 07:21:17

If the data is filled in completely, Click the Enter button to save data.
The system will notify you.
OK : 2023/09/22 07:21:17

Condition:

- When you record Out, but the system doesn't find it when you In.

Can save data but will notify: **No data found In.**

5. Q&A

#	Date	Question	By	Date	Answer	By

6. Sign off

We hereby acknowledge and agree the above-mentioned blueprint requirements.
Any changes required after the sign off for this blueprint will be addressed through the change request process.

NIDEC TECHNO MOTOR (Thailand) Co., Ltd.

Sign: _____

Name: _____

Title: _____

Date: _____

TOMAS TECH CO.,LTD.

Sign: _____

Name: _____

Title: _____

Date: _____

END OF Direct Labor System