IBM i Connection for Mobile Terminal (Android)

Kotemaru-Chan 5250 Emulator

Many models mixed environment	No repair of business application required	Screen / character size setting
RFID Bulk input	OCR	Keyboard Free setting
SCAN Bulk input	SCAN Cumulative Input	
Gateway Connection	Session Keep-alive	WiFi/LTE Wired LAN
BT/wireless printer	SmaPri Print	
Automatic switching of multiple hosts	Japanese/English/ Chinese	

CASIO（IT-G600/IT-G650/DX-X450/ET-L10）
KEYENCE（BT-A700/BT-A500/BT-A2000/BT-A1000
　　　　　　　　DX-A400/DX-A600/DX-A800）
ZEBRA（Android models　Keyboard models are limited to
　　　　　　　MC2200/MC2700/ MC3300（X）/MC20）
DENSO（BHT-M60/BHT-M70/BHT-M80）
Honeywell（EDA51）
CipherLab（RS35/RS36/RS38）
unitech（EA630/HT730/HT330）
SHARP（RZ-H271）
Panasonic（FZ-N1）
Opticon（H-35）
FURUNO SYSTEMS（finpad Ag1）
Datalogic（Memor11）
Android 9～14 Terminals(smartphone, tablet etc.）
（Supported models list Feb.2025）

Many models / mixed environment

It is compatible with various models such as handy terminals of each company and Android tablet terminals. It can be used in environments with mixed models

No repair of business application required

Since the specifications such as screen display are unified as an emulator, changes in business applications on the IBM i side can be minimized even when switching to a handy terminal that will be supported in the future.

Custom Display Size

You can specify the display range by specifying the line column on the terminal screen.
With this function, it is almost unnecessary to support as a business application when replacing the terminal.

Keyboard Free setting

It is possible to freely set the software keyboard (custom key).

Scan batch reading / Cumulative reading

It is also possible to read multi-stage barcodes at once, and to read multiple barcodes in succession.

RFID Bulk input (Additional options)

It is a function to read RFID tags in the UHF band all at once. You can also control the reading settings on the IBM i business screen (macro description).

OCR (Additional options)

It is a function to read by OCR on the business screen of IBM i in cooperation with our product "FISOCR". It is also possible to read specific characters or batches on the IBM i business screen (macro description).

BT/wireless printer

You can output from the label printer using Bluetooth communication or wireless LAN connection. It prints by its own method without using a printer session.
Large print data can be printed across multiple screens.

SmaPri Print (Android only)

Form overlay printing in cooperation with Sato SmaPri is possible. By linking with SmaPri, you can easily print labels with complicated layout that was difficult with SBPL description.

Direct/Gateway Connection(Session keep-alive)

■ Direct connection: Connects directly to IBM i via a wireless LAN access point.
■ Gateway connection: You can also connect via a gateway server. Since the gateway server maintains the session, it is possible to operate while maintaining the session even in a place with a bad wireless LAN environment or WAN environment (LTE / 3G).
Even if the connection is cut off outside the radio wave range, you can resume the operation from the disconnected screen by returning to the radio wave range. It is possible to save the operation details (transmission / reception details) in a log.
* There is also an AS / 400 version gateway that does not require a server.
* A separate Gateway server license must be purchased.

Multiple host

Multiple host connection settings are possible. If you set the connection as the production/standby system, it automatically connects to the standby system when a failure occurs in the production system.

Japanese/English/Chinese

You can select Japanese, English, or Chinese (traditional / simplified).
(Customized for other languages)

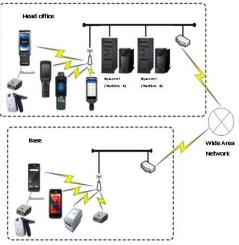★We introduce each function by movies (Search by "Kotemaru-chan" on YouTube)

operating environment

●IBM i (AS/400)
　ver5.3 or later (＊ Telnet5250 can be connected via TCP / IP)
●Mobile terminal
　Handy terminal Android terminal of each company (Please see page 1 for detailed models)
●Gateway server
　Windows Server 2012R2 2016 2019 2022/Windows 10/Windows 11
●Label printer
　Sato Inc. SBPL / PT200 mode compatible printers in general (Petit Lapin, Lapin, etc.)
　Toshiba Tec Corporation All TPCL mode compatible printers (B-EP4DL, etc.)
　Communication connection format: Bluetooth connection, Wireless LAN connection
●RFID reader ZEBRA RFD40, DENSO SP1, KEYENCE DX-RH1/RM1
●Wireless LAN access point: Refer to the access points whose operation has been confirmed by using
　　　　　　　　　　　the equipment recommended by each company.

limitations

Please note that this software has the following restrictions.
-SNA connection is not supported.
-There is no macro equivalent function in IBM Personal Communications.
-When using MSGLOC on AS/400, it may malfunction.
-The G attribute field is not supported.
-Printing from a label printer is different from using a printer session.
-When connecting to a printer with a wireless LAN, it will be in infrastructure mode.

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