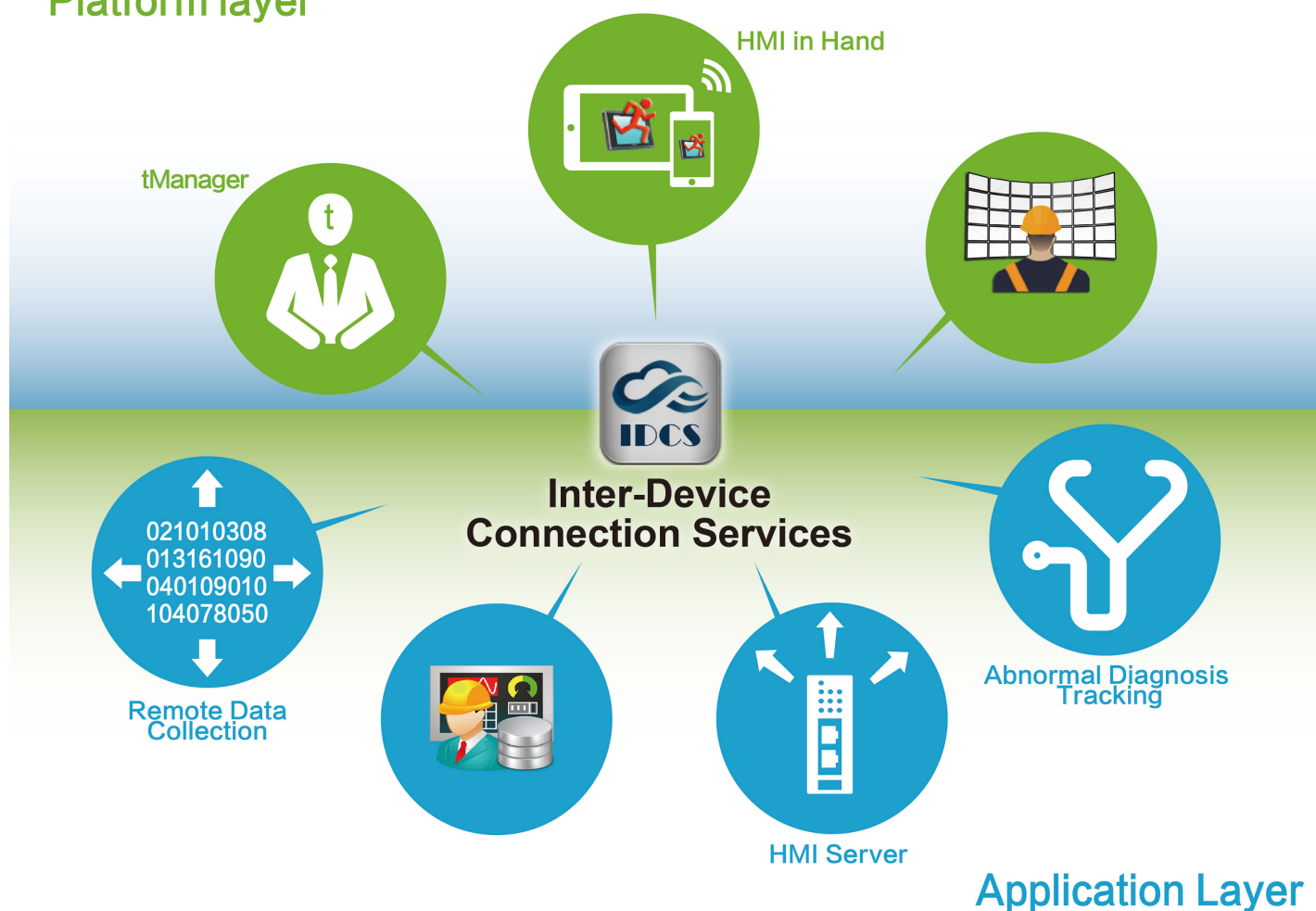# IDCS
Inter-Device Connection Service

IMO

Accomplishes non-VPN remote monitoring, updating and controlling functions

- Accomplishes most tasks remotely making daily maintenance easier, thus reduces cost.
- Saves and retrieves data remotely to non-static IP, public IP and VPN supported devices.
- Remote download/upload HMI and PLC applications.
- VNC built-in, HMI-in-hand Android Application, supports monitor /control multiple HMIs by mobile devices.
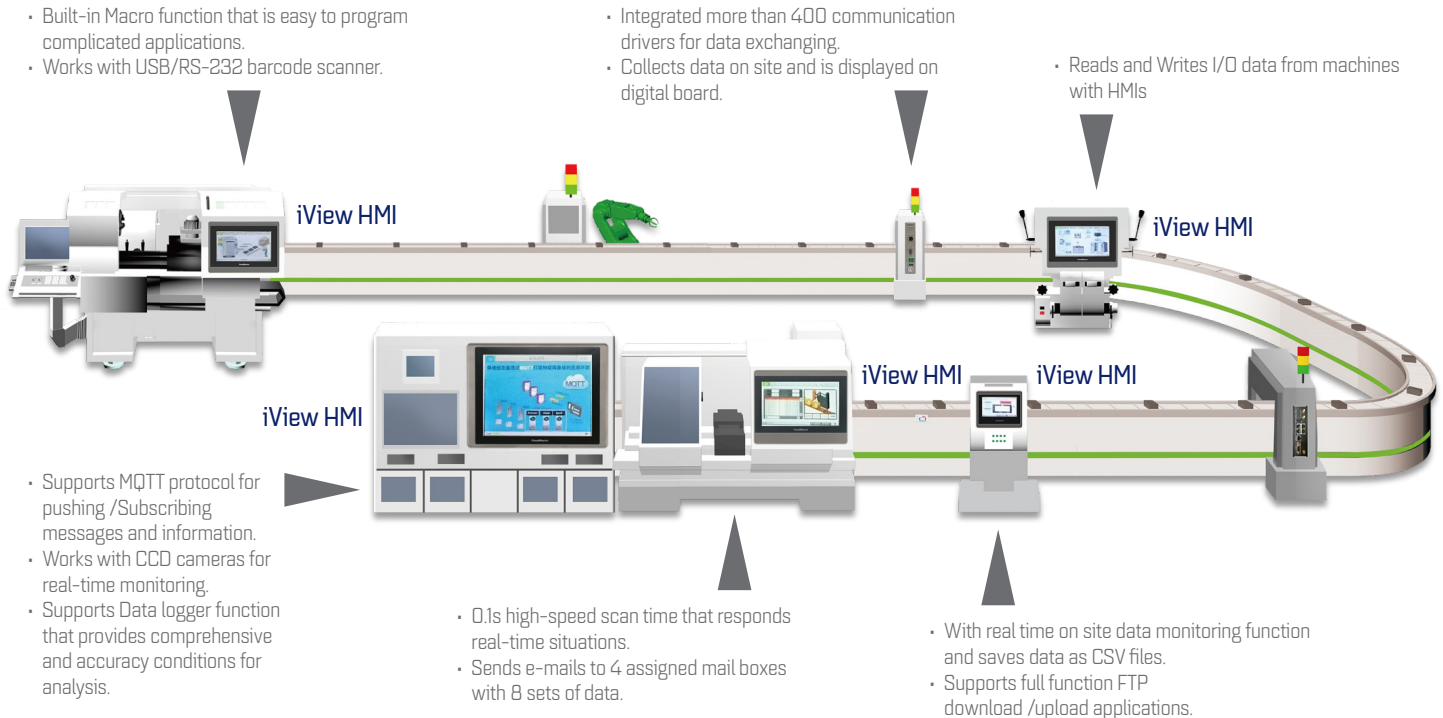
Platform layer

HMI in Hand

tManager

Inter-Device Connection Services

021010308
013161090
040109010
104078050

Remote Data Collection

Abnormal Diagnosis Tracking

HMI Server

Application Layer

Ethernet Functionality Comparison				
	iView E	iView M	iView E - 2nd Gen.	iView M - 2nd Gen.
E-Mail	YES	YES	YES	YES
VNC	YES	YES	YES	YES
FTP	YES	YES	YES	YES
IDCS	N/A	N/A	YES	YES
MQTT	N/A	N/A	YES	YES
"HMI Server [Android Application]"	N/A	N/A	N/A	YES

REF: IDCS 0119

IDCS
Inter-Device Connection Service

IMO

- Built-in Macro function that is easy to program complicated applications.
- Works with USB/RS-232 barcode scanner.

- Integrated more than 400 communication drivers for data exchanging.
- Collects data on site and is displayed on digital board.

- Reads and Writes I/O data from machines with HMIs

iView HMI

iView HMI

iView HMI

iView HMI

iView HMI

- Supports MQTT protocol for pushing /Subscribing messages and information.
- Works with CCD cameras for real-time monitoring.
- Supports Data logger function that provides comprehensive and accuracy conditions for analysis.

- 0.1s high-speed scan time that responds real-time situations.
- Sends e-mails to 4 assigned mail boxes with 8 sets of data.

- With real time on site data monitoring function and saves data as CSV files.
- Supports full function FTP download /upload applications.

Designed for automation and non-IT engineers, easy to set up!

- Data acquisition and remote debugging functions coexist
- Fit large scale applications with built-in security protections
- Self-developed, can be customized on demand
- Can resolve IP address conflicts
- Support multi-level rights management
- User operation is controllable and traceable

 REF: IDCS 0119