ICILTEK PROFILE

Empowering Digital Transformation

Yasser Mufti

ABOUT OUR COMPANY

ICILtek is part of the ICIL Group, Pakistan’s premier provider of Business Information, Receivable management, debt collection, AML Screening, KYC and Background screening services.

ICILtek it self has branch office in Dubai and in Toronto Canada with a number of customers in US, Canada, and Saudia Arabia.

We are a team of automation experts dedicated to revolutionizing how businesses operate. By harnessing the power of Robotic Process Automation (RPA), we empower organizations to streamline their workflows, eliminate repetitive tasks, and significantly enhance productivity. Our innovative solutions are designed to unlock your workforce's true potential, allowing them to focus on strategic, high-value activities that drive growth.

About us

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Our Mission

We believe in a future where businesses thrive through automation. Our mission is to make RPA accessible to organizations of all sizes, providing them with the tools they need to achieve operational excellence and stay ahead in today's competitive landscape.

Our Global Presence

01

Global Niche Technologies
Toronto, Canada
www.globalnichetech.com

02

Nichetech LLC
Dubai
www.nichetech.me

03

ICIL Technologies
Karachi, Pakistan
www.iciltek.com

ICIL GROUP

Companies

International Credit Information Ltd

Local & Global
Business Informaiton
Debt Collection

ICIL Technologies Pvt Ltd

RFID, RPA, Biometric
and Video Analytics

Global Credit Service

Local & Global
KYC, KYE, BGC

Products

RFID

Supply Chain
Logistic Management
Work-In-Process
Manufacturing
Inventory Management

Robotic Automation

Rule-Based Standard
Intelligent Automation - Cognitive
Agentic Automation - Automonous

Biometric

Attendance
Access Control
KYC

Robotic Process Automation: The Future of Corporate Work Environment

Process Automation Service

Robotic Process Automaiton

Software Robots (BOTs) used for Automating rule based, repetitive, mundane tasks not requiring any decision making ability

Log into applications, enter data, copy data, moving files and data

Intelligent Automation

Providing RPA BOTs with AI Muscle to transform complex complex business processes, adapt and learn. More often then it covers the entire automation journey from discovery to automation to optimization

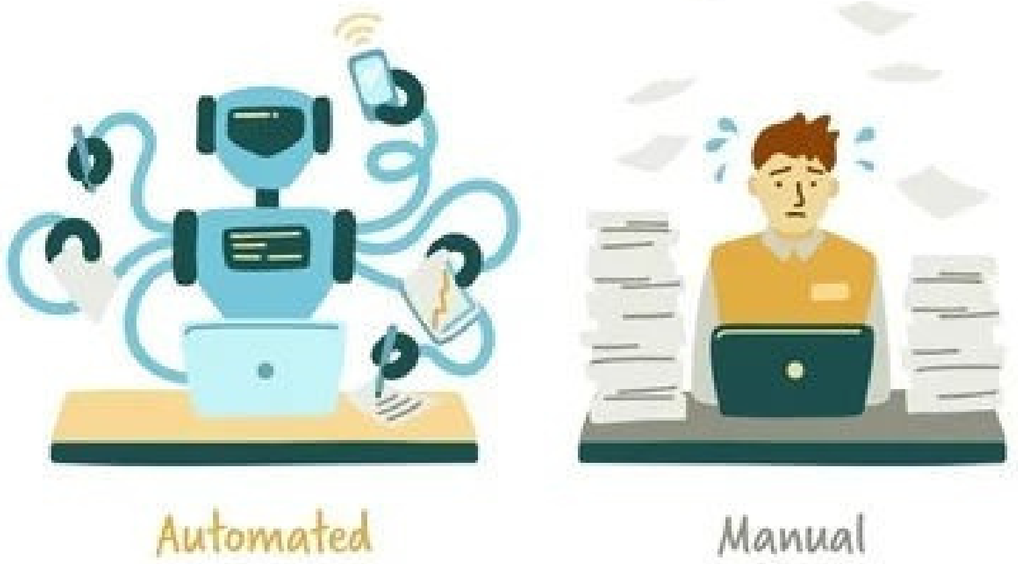
Collecting, correlating, and analyzing data. Reading emails, understand and reponding

Agentic Automation

Next Evolution in automation giving BOTs complete autonomy to learn and evolve through a continuous leaning cycle. Leveraging the power of latest AI tools such as LLM, LAM, genAI etc.

Monitor data streams, automate complex workflows, and execute tasks without constant human supervision

BOTs relieving humans from manual, high volume repetitive tasks



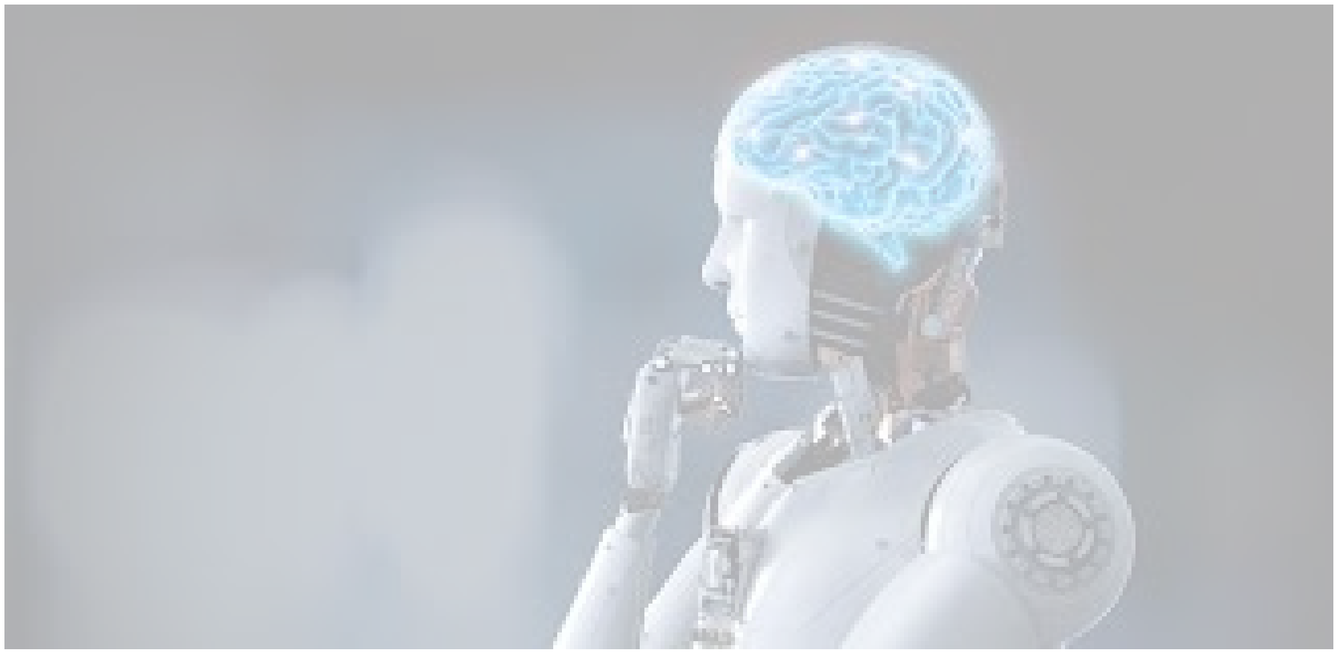
Specialized Software Robot (BOT)

Undertake repetitive, rules based, mundane tasks quicker and in an efficient manner. Bots mimic human actions, enabling faster processing times and improved accuracy.

RPA uses BOTs to interact with Applications just like a person would.

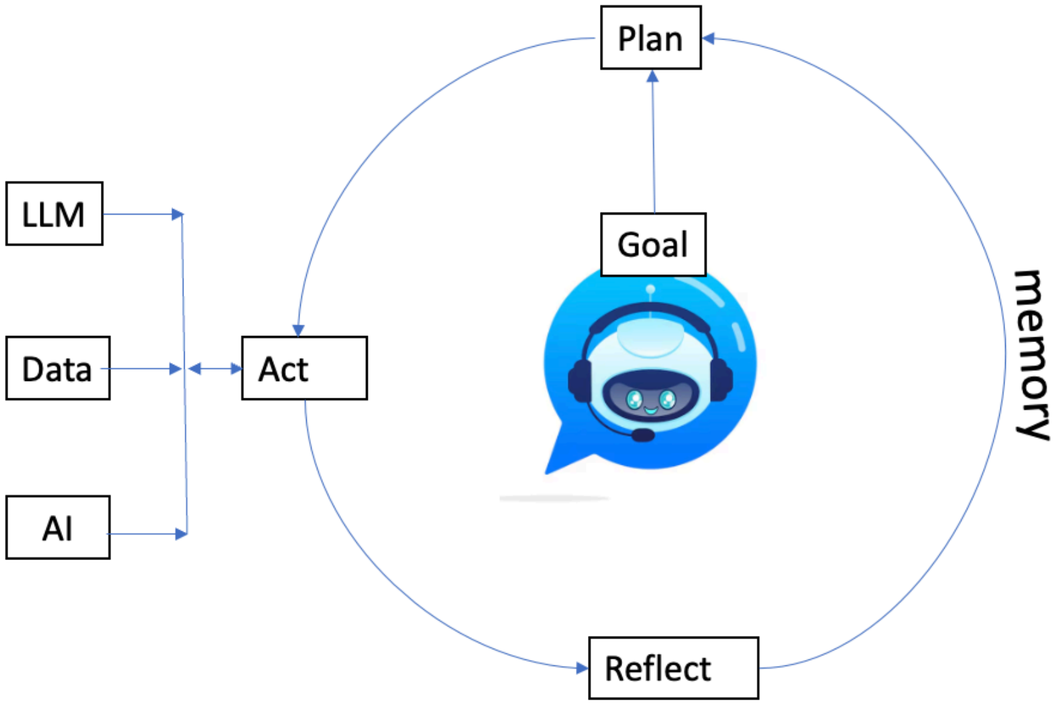
AI + RPA: Intelligent Automation (IA)

What is Intelligent Automation



Where as a BOT only automates a task it is progarmmed to do. A AI Driven BOT (Intelligent Automation) can learn how to automate a task through Cognitive Decision Making capabilities

Agentic Automation



Unlike traditional automation, which relies on predefined rules and human direction, Agentic Process Automation is a dynamic solution that autonomously navigates real-world workflows. It adapts to unpredictable environments and makes context-aware decisions to keep processes running smoothly

Types of Tasks handled by RPA & IA

Robotic Process Automation

Rule based, Standard Operating Procedure

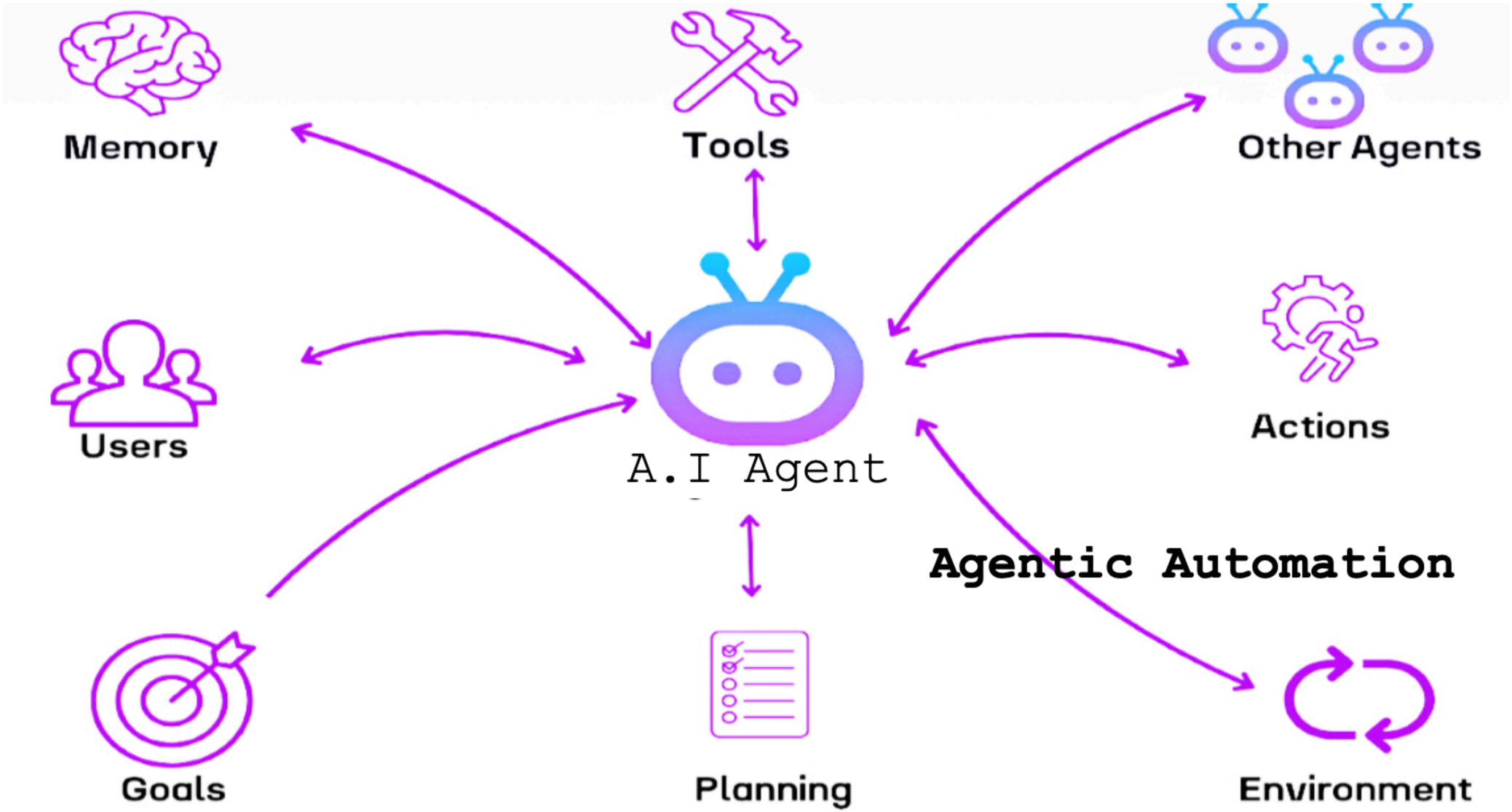
- Logging into Applications
- Moving Files and Folder
- Extracting, Copy and Inserting data
- Filling in forms
- Completing routine analysis & Reporting

Intelligent Automation

Using AI Technologies such as OCR, ML, NLP, LLMs To complete tasks

- Document Data Extraction
- Email review: data extraction
- Engaging in chats with clients And responding
- Understanding unstructured data
- Generating reports based on Predictive analysis, detect anmolies

Agentic Automation: Features



AI Agent: Customer Service

- Monitor email
- Understand email
- Extract information from Email
- Forward email to relevant person based on email
- Reply Intelligently based on email

Intelligent Document Processing

Document Digitization

boteye™

Document Classification

Data Filtering/Extraction

Data Validation

BOT Assisted Decision Making

Radio Frequency ID

Seamless Tracking, Limitless Possibilities

www.iciltek.com

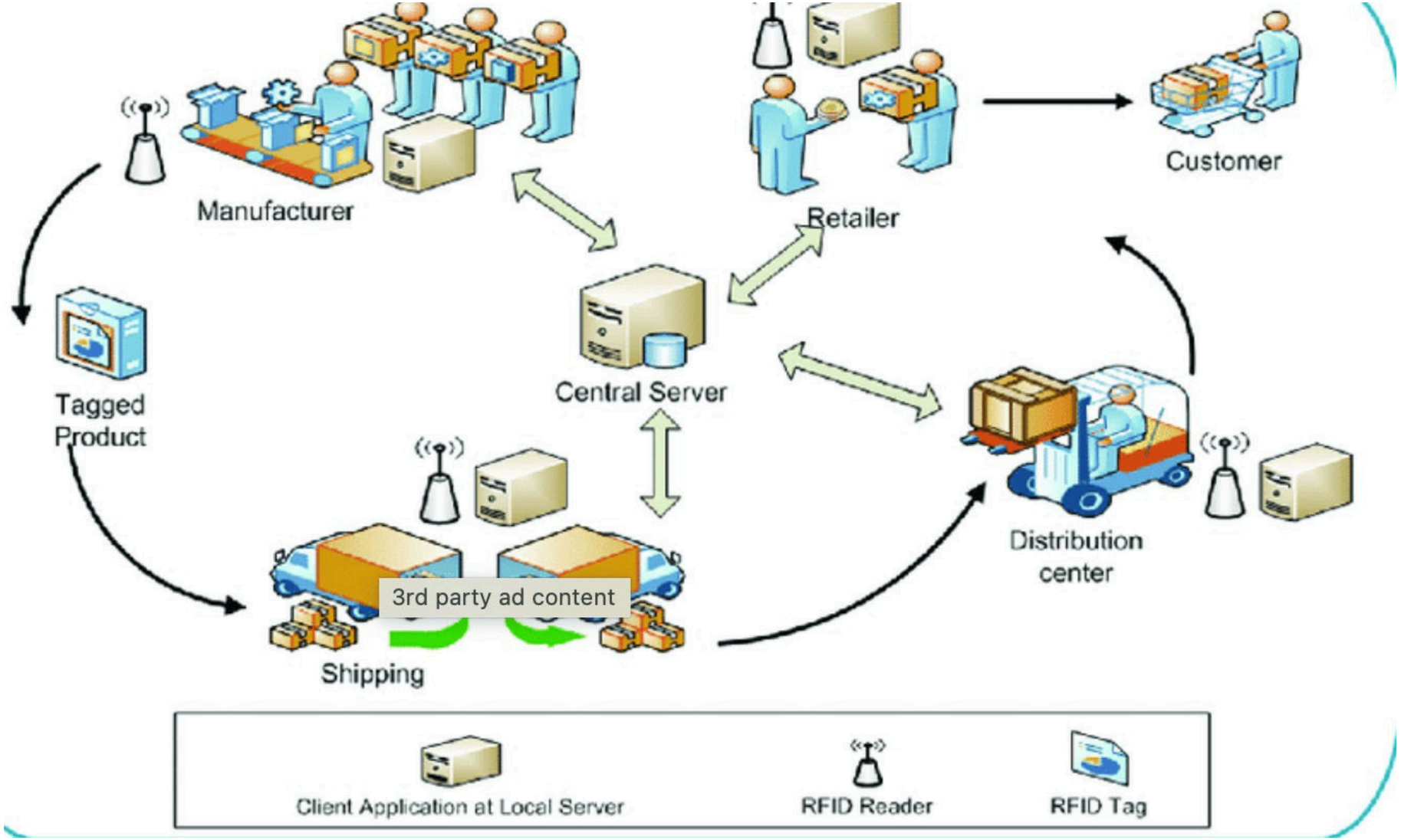
Presented By : Yasser Muftie

Radio Frequency Idenification

Radio Frequency Identification (RFID) utilizes electromagnetic fields to automatically identify and track tags attached to objects. This technology offers significant advantages over traditional barcodes, including real-time tracking, increased data storage, and greater durability in various environments.

ICILTEK can help you create an environment within your company where data can be captured efficiently and accurately with meaningful visibility on any device.

RFID Digitizes data for realtime information



RFID: Toyota Work in Process

ICILtek is providing RFID Solutions for monitoring work in process. Folllowing are the processes where RFID is adding value

- Inventory Management
- Work-In-Process Monitoring
- Finished Goods Tracking
- Invoice Tracking

RFID: 3 State Container Tracking

ICILtek is providing a special 3-State RFID seal solution to Pakistan customs to reduce smuggling. These seals are put on the container at the port before its departure to the destination. Once a seal is put and locked it cannot be opened it can only be cut. These seals are read by a RFID Handheld reader to verify its state whether enroute or at destination.

All the data is centrally maintained a web based solution that is monitored by Pakistan Customs.

RFID: Hospital Parking Management

IWe successfully deployed a RFID based Access Control for the parking lot of a busy hospital. Each public vehicle is given a RFID pass which the reader controlling a barrier can detect and grant access. Similarly all hospital staff are assigned a permanent RFID Windshield sticker with time based access. This also helped in attendance marking of the Hospital staff

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RFID: Weapon Asset Management

ICILtek has deployed a Weapon Asset Management Solution to a security agency which issues weapon to their guards. All the weapons are tagged with a RFID tag which is used to monitor the issuance and return of the weapons.

Any unassigned weapon leaving the premises is detected by the reader and alert is generated. This ensure all the weapons are accounted for in the inventory.

RFID in Airport/Airline Logistics

RFID implementations can reduce luggage mishandling rates by 25% leading stress free travel for passengers and substantial saving for airlines.

RFID Provides seamless digital journey with real time luggage tracking

RFID helps comply with IATA resolution 753

Future of RFID in Smart City

1. Smart Transportation and Tarffic Management
2. Waste Management & Recycling
3. Public Safety & Security
4. Smart Utilities & Energy Management
5. Smart Retail & S ervices

Conclusion

As RFID technology continues to evolve, its role in inventory management will become increasingly vital. Embracing these innovative solutions will empower businesses to remain competitive and responsive to market demands. The future of inventory control looks promising with RFID.

As regards, Robotic Process Automation is set to redefine business operations by maximizing efficiency and driving innovation. As organizations embrace RPA, they will unlock new opportunities for growth and transformation in the digital age.

Thanks!

Do you have any questions?
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www.iciltek.com