

ENABLING A

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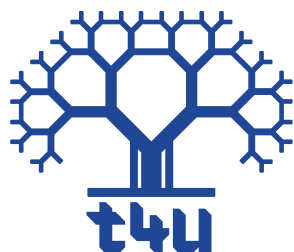
**WORLD OF INCLUSIVE  
INTELLIGENT**

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**ECOSYSTEMS**



SMN DIGITAL  
CONSULTANCY LLP



# Overview

Established in 1929, the Rane group of companies is the most preferred OE manufacturer and supplier for auto majors in India and overseas. With a group sales turnover (2016-17) of INR 4,400 Crore (USD 680 million), Rane's products find application in Passenger Cars, Multi-Utility Vehicles, Light Commercial Vehicles, Medium & Heavy Commercial Vehicles, Farm Tractors, Three Wheelers, Two Wheelers, Locomotive, Marine and Heavy Diesel Engines. Some of its group companies are- Rane (Madras) Ltd., Rane Brake Lining Ltd., Rane Engine Valve Ltd., Rane TRW Steering Systems Pvt. Ltd., Rane NSK Steering Systems Pvt. Ltd., Rane Precision Die Casting Inc. and telematics4u services private limited (t4u).

telematics4u services pvt. ltd. (t4u) – A part of Rane Group, is a pioneer organization in the field of smart-tech applications for real-world ecosystems, providing end-to-end service offerings, from consulting, designing and curating custom-built IoT-enabled platform solutions. Well-equipped to help customers who seek high visibility, inter-connectivity, innovation and high-value delivery within their business ecosystems, t4u's analytics-rich solutions, empowers customers to effectively manage their operational processes with transparency and control across all their critical assets, right to the very edge of their business networks.

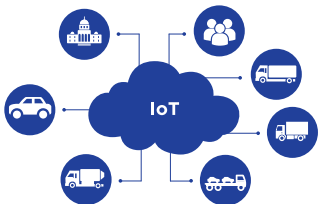
t4u today hosts over thousands of assets across multiple platforms, serving its valued clients at hyperlocal levels across 18+ countries. t4u envisions digital technologies as an integral part to unlocking the full potential of a value chain, a powerful transformational tool for businesses to reinvent products, experiences and business models for creating new values, differentiation and revenues.

## Cornerstones of t4u



### IoT Business Consulting Services

A global consultant wing of t4u with the sole purpose of empowering end-to-end business transformation among new-age startups and traditional businesses alike. Through smart-tech intervention and innovative business models, t4u enables organizations to digitally transform their businesses, enabling them to compete and differentiate in the rapidly changing digital age.



### Design, Development & Deployment of IoT-Enabled Platform Solutions

t4u deploys a host of smart-tech systems on-ground for customers, connecting all their assets and stakeholders, enabling a web of intelligent networks across their operational ecosystem, accessible on a single centralized easy-to-use IoT-based platform. These systems are aimed to enable cross-sectoral clients to leverage the benefits of a true digital convergence among multiple stakeholder communities in the real-world.



### Ecosystem & Stakeholder- Value Enhancement Approach

One of the main reasons t4u can effortlessly integrate diverse stakeholders into collaborative, high value delivery communities is because of its ecosystem approach. With this approach, t4u is equipped to deal with fast-blurring sectoral boundaries, decentralization, inter-dependencies, multifunctional organizations, and self-organizing units that most modern businesses are increasingly morphing into today

### Hyperlocal Partner Network Delivery Model

Through its unique Local t4u Service Provider [LTSP-led] business network, an intelligent hyperlocal delivery model across the globe has been devised and implemented. It is through this network that t4u executes projects on ground and services local customers.



# t4u's Business Streams

t4u operates in a wide spectrum of industries with deep domain, vertical-specific expertise in each of them. With this holistic approach, t4u addresses pain-points of industries/communities, as a whole, as the ecosystem approach inherently presents a fairly large canvas for operations reach and depth, rather than limiting its scope to a particular customer or even a set of customers.



## Natural Resources Ecosystems

t4u's Natural Resources Ecosystem Solutions is a unique 'for-benefit' initiative for delivering value to the entire community of stakeholders involved in the movement of natural resources from source to consumer. A trusted government partner, t4u works closely with local district authorities to build inclusive and comprehensive solutions for Sand, Iron Coal, Timber, water distribution, etc., using IoT-enabled platform solutions and other digital and satellite technologies.

### t4u's Natural Resources Platform Solutions Snapshot



Sand Ecosystem Platform Solution



Iron Ore Ecosystem Platform Solution



Water Distribution Solution



Timber Distribution Solution



## People Mobility

t4u's People Mobility Solutions includes comprehensive end-to-end solutions for vertical segments such as Self Drive, Car Rental and Leasing, Taxi Aggregation, Passenger Bus Transportation, Employee Transportation etc. These vertical-specific solutions have been designed to address operational challenges, safety and security, along with business-critical data analytics and reports.

### t4u's People Mobility Platform Solutions Snapshot



Self-Drive Vehicle Rental Operations Management Solutions



Taxi & Car Rental Operations Management Solutions



Employee Transportation Management Solutions



Autorickshaw Community Empowerment Ecosystem



## Distribution Logistics & 3PL

t4u's Distribution Logistics solutions with its cutting-edge technology platform provides end-to-end distribution management. By rendering people and processes more efficient via IoT-enabled technology solutions, t4u is enabling distribution logistics vendors, including 3PLs across different verticals such as cold chain, cash management, QSRs, e-commerce, etc covering last mile, middle mile and long haul logistics, to optimize their services and profits, and achieve high levels of customer satisfaction.

### t4u's Distribution Logistics & 3PL Platform Solutions Snapshot



Cash Distribution Logistics Solution



E-Commerce/Last Mile, Middle Mile & Long Haul Delivery Solutions



3PL Logistics Solutions



Quick Service Restaurant Delivery Logistics Solutions

# t4u's Technology Approach

Mobile-based Business  
Application development for  
quick access and easy control.



Creating highly customizable platforms with  
deep learning capabilities and vertical  
specific analytics solutions



Business driven data acquisition strategy  
involving a mix of Fog and cloud based  
computing power



Continuous focus on IP development in deep  
learning systems focused on asset security,  
performance and opex



Focus on hardware agnostic solutions to  
ensure easy collaboration & execution of  
projects across the globe

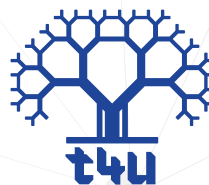


Implement DSS (Decision Support system)  
Business Intelligence tools.

Constant enhancements of  
capabilities to implement holistic  
and globally adaptable  
ecosystem-centric platforms



Expanding Horizons



telematics4u services pvt. ltd.

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