Centre for Development of Advanced Computing (C-DAC)
A Scientific Society of Ministry of Electronics & Information Technology (MeitY)
Government of India (GoI)
Vellayambalam, Thiruvananthapuram
Kerala - 695033
Tel: 0471- 2723333, 2312627
www.cdac.in

C-DAC (T) TECHNOLGY TRANSFER LIST (RESELLER)

Doc No: C-DAC(T) / TPC / Reseller / 2026 / 01

January 2026

Version 1 Rev 0

C-DAC (T) TECHNOLGY TRANSFER LIST (RESELLER)

The **Centre for Development of Advanced Computing (C-DAC)** is a premier research and development organisation under the Ministry of Electronics and Information Technology (MeitY), Government of India, engaged in advanced research, design and development in the areas of Information Technology, Electronics and allied domains. C-DAC works towards strengthening national technological capabilities by responding to global technological advancements and evolving market requirements in identified foundational and strategic areas. Functioning in close coordination with MeitY, C-DAC plays a critical role in translating national policies and strategic initiatives into practical, scalable and deployable technological solutions. As a high-end R&D institution, C-DAC has consistently built capabilities in emerging and enabling technologies and has designed, developed and deployed indigenous products and solutions across diverse sectors, including electronics, healthcare, cybersecurity, communications, transportation and agriculture. In alignment with national initiatives such as **Atmanirbhar Bharat**, **Make in India**, and the vision of **Viksit Bharat @2047**, C-DAC focuses on the transfer of mature and field-proven technologies to industry, MSMEs and startups, thereby enabling domestic manufacturing, technology scale-up and the widespread deployment of indigenous solutions that address critical national and societal needs.

Contact

Section Head
Technology Promotion Centre (TPC)
C-DAC, Vellayambalam, Thiruvananthapuram, Kerala - 695033
Mobile: 098470 69184 | Landline: 0471 2723333 (450) | Email: tpc@cdac.in

List of Technologies

1. DARPAN – Network Management System (NMS) [Networking]

DARPAN Network Management System (NMS) is an indigenously developed, vendor-agnostic network management solution designed to monitor, manage, and secure IP networks of small, medium, and large scale. It provides a unified view of network health, performance, and availability.

Why DARPAN NMS is needed

Large and heterogeneous networks are difficult to monitor using fragmented tools, leading to delayed fault detection and inefficient operations. DARPAN NMS addresses this by offering a single, integrated platform to manage multi-vendor network infrastructure.

How it works

DARPAN NMS automatically discovers network devices and topology and continuously monitors network performance and faults. It collects and analyses network data and presents it through dashboards and reports, enabling network administrators to take timely corrective actions.

Key benefits

- Centralised monitoring of multi-vendor networks
- Faster fault detection and resolution
- Improves network performance and reliability
- Customisable based on user requirements
- Designed for mission-critical infrastructure

Target users

DARPAN NMS is intended for:

- Government networks
- Data centres and network operation centres
- Large enterprises and public sector organisations

Technology Readiness Level, Licensing and Deliverables

TRL: 9 – Deployed and operational in multiple government networks

Licensing Model: Reseller-cum-Implementation partnership / Licensing

Deliverables: Software licenses, documentation, training, and technical support.

Industry opportunity

DARPAN NMS offers opportunities for companies involved in:

- Network management and IT services
- System integration and managed services
- Government IT infrastructure projects

2. Driving Simulator Software [Transportation]

Driving Simulator Software is a desktop-based simulation system that recreates Indian traffic conditions to support driver training, testing, and road safety analysis.

Why this software is needed

Real-world driver training cannot safely replicate hazardous or complex traffic scenarios. This software provides a controlled environment to train drivers and study driving behaviour under realistic Indian traffic conditions.

How it works

The software simulates mixed traffic scenarios, road conditions, and driving environments on a desktop platform. Trainers can configure scenarios for skill development, safety training, and performance assessment.

Key benefits

- Improves driver training and safety awareness
- Simulates realistic Indian traffic conditions
- Configurable training scenarios
- Easy deployment on desktop systems

Target users

The software is intended for:

- Driving training institutes
- Transport departments
- Research and testing organisations

Technology Readiness Level, Licensing and Deliverables

TRL: 9 – Commercially usable and deployment-ready

Licensing Model: Software reselling license

Deliverables: Software license, training, and technical support.

Industry opportunity

The software offers opportunities for companies involved in:

- Driver training and simulation services
- Transport technology solutions
- Educational and training platforms

3. FlexiFleet – Fleet Management System [Transportation]

FlexiFleet is a comprehensive fleet management and transport optimisation software system designed for real-time vehicle tracking, operational monitoring, and improved transport service reliability. It is supported by PTRGS for passenger route guidance and OSHR for operational performance improvement.

Why FlexiFleet is needed

Transport operators face challenges such as inefficient fleet utilisation, lack of real-time visibility, and service reliability issues. Manual monitoring and fragmented systems limit operational efficiency. FlexiFleet addresses these issues by providing an integrated digital platform for fleet and service management.

How it works

FlexiFleet collects real-time data from vehicle tracking devices and presents it through a central dashboard. The system enables live tracking, alerts, route planning, scheduling, and performance analysis. PTRGS provides passengers with route guidance, while OSHR supports operational strategies to improve service reliability.

Key benefits

- Real-time fleet tracking and monitoring
- Improved operational efficiency and service reliability
- Enhanced passenger information and experience
- Data-driven decision-making
- Scalable for small and large transport fleets

Target users

FlexiFleet is intended for:

- Public transport operators
- Smart city and urban transport projects
- Logistics and fleet management companies

Technology Readiness Level, Licensing and Deliverables

TRL: 9 – Commercially deployable and in operational use

Licensing Model: Software reselling (perpetual or subscription)

Deliverables: Software licenses, deployment support, training, and technical support.

Industry opportunity

FlexiFleet offers opportunities for companies involved in:

- Transport IT and system integration
- Smart mobility and ITS solutions
- Urban transport and logistics technology

4. SARAN – Service Desk Management System [Service Management]

SARAN Service Desk System is an indigenously developed helpdesk and service management platform designed to manage service requests, incidents, assets, and changes through a single, centralised system.

Why SARAN is needed

Manual or fragmented service desk processes result in delayed responses, lack of visibility, and poor service quality. SARAN provides a structured and automated approach to service management.

How it works

SARAN offers a web-based interface to log, track, prioritise, and resolve service requests. It supports automated workflows, service-level monitoring, reporting, and integration with network monitoring tools.

Key benefits

- Centralised service request management
- Automated workflows and escalations
- Improves service quality and response time
- Customisable to organisational needs
- Secure and audited platform

Target users

SARAN is intended for:

- Government departments
- IT service providers
- Large organisations and enterprises

Technology Readiness Level, Licensing and Deliverables

TRL: 9 – Operationally deployed in government organisations

Licensing Model: Reseller-cum-Implementation partnership / Licensing

Deliverables: Software licenses, documentation, training, and support.

Industry opportunity

SARAN offers opportunities for companies involved in:

- IT service management solutions
- Government IT implementation projects
- Managed support services

5. DARPAN-V – Virtual Network Solution (SD-WAN) [Networking]

DARPAN-V is an indigenously developed virtual networking solution that enables secure, software-defined wide area networking (SD-WAN) and virtual network function deployment over public or private networks.

Why DARPAN-V is needed

Traditional networks rely on dedicated hardware and private links, which are costly and slow to deploy. DARPAN-V enables secure, flexible, and cost-effective networking using software-defined technologies.

How it works

DARPAN-V uses central orchestration software and edge devices to establish secure communication channels. Network services such as routing, firewall, and traffic management are deployed virtually and managed centrally.

Key benefits

- Secure communication over public networks
- Faster deployment of network services
- Reduces dependency on specialised hardware
- Scalable and centrally managed
- Fully indigenous solution

Target users

DARPAN-V is intended for:

- Government and public safety networks
- Defence and law-enforcement agencies
- Banking, finance, and enterprise networks

Technology Readiness Level, Licensing and Deliverables

TRL: 9 – Field-proven and deployable

Licensing Model: Reseller-cum-Implementation partnership / Licensing

Deliverables: Hardware and software components, documentation, training, and deployment support.

Industry opportunity

DARPAN-V offers opportunities for companies involved in:

- Network and SD-WAN solutions
- Secure communication systems
- Enterprise network integration

6. Standard Procedure for Obtaining C-DAC Technologies in Reseller Mode

C-DAC follows a transparent and well-defined process for onboarding Reseller and Implementation Partners. All software reselling and implementation partnerships are executed in compliance with C-DAC and Government of India (GoI) guidelines through a structured evaluation and agreement process. The procedure typically involves the following steps:

Identification of Technology

Interested organisations review the list of software solutions made available by C-DAC through:

- Invitation for reseller / implementation partnership model in
    - Newspapers / C-DAC website / Outreach material
- Technology Promotion Centre (TPC) communications

Submission of Reseller / Implementation Partnership Application

The interested organisation submits a Reseller / Implementation Partnership Application in the prescribed format, along with required supporting documents. The application generally includes:

- Company profile and credentials
- Relevant experience in software deployment or system integration
- Intended market, deployment approach, and support capability

Evaluation by C-DAC

C-DAC evaluates the submitted applications based on:

- Technical capability and domain experience
- Implementation and support readiness
- Alignment with the intended usage and customer segment

This evaluation ensures that the solution is deployed by competent and reliable partners.

Finalisation of Licensing / ToT Terms

Based on the evaluation, C-DAC finalises:

- Reseller or implementation model
- Licensing terms and validity period
- Commercial terms including license fees, revenue sharing (if applicable), and support obligations

The final terms are communicated to the selected applicant(s).

Signing of Reseller / Implementation Agreement

A formal Reseller or Implementation Agreement is executed between C-DAC and the selected organisation. The agreement defines:

- Scope of reseller rights
- Branding, marketing, and deployment responsibilities
- Support, maintenance, and compliance requirements

Provision of Software and Documentation

Upon agreement and completion of formalities, C-DAC provides:

- Software licenses or binaries
- User manuals and technical documentation
- Deployment and configuration guidelines

Training and Enablement

C-DAC conducts:

- Product and deployment training
- Operational and support enablement sessions
- Knowledge transfer for implementation teams

Deployment and Commercial

The reseller or implementation partner:

- Deploys the solution at customer sites
- Provides first-level support and maintenance
- Markets and commercialises the solution as per agreement terms

Renewal and Continuation

Reseller agreements are subject to renewal based on:

- Compliance with agreement terms
- Performance and customer satisfaction
- Payment of renewal or license fees, as applicable

Contact

Section Head
Technology Promotion Centre (TPC)
C-DAC, Vellayambalam, Thiruvananthapuram, Kerala - 695033
Mobile: 098470 69184 | Landline: 0471 2723333 (450) | Email: tpc@cdac.in