

Tamil Nadu State

A Pioneer in Digital Governance

NIC Tamil Nadu State Centre provides consistent support to the Government of Tamil Nadu, Central Departments and PSU's situated in Tamil Nadu, in their endeavours to fully develop e-governance solutions, specifically citizen centric solutions, for the benefit of the common man, and to ensure improvement in Government services and wider transparency of both state and central Governments.

Tamil Nadu, located in extreme south India, is bounded by the Indian Ocean to the east and south and by the states of Kerala to the west, Karnataka to the northwest, and Andhra Pradesh to the north. The tourism industry of Tamil Nadu is the largest in India, with an annual growth rate of 16 percent. The region was ruled by several regimes, including the "three crowned rulers" – Chera, Chola and Pandyan states, which shape the region's cuisine, culture, and architecture. The economy of Tamil Nadu is the second-largest in India. Tamil Nadu is the most urbanised state in India, and one of the most industrialised states; the manufacturing sector accounts for more than one-third of the state's GDP.

NIC Tamil Nadu has provided consistent support to the Government of Tamil Nadu, Central Departments and PSU's situated in Tamil Nadu, since 1988 in their endeavours to fully develop e-governance solutions for the benefit of the common man. NIC Tamil Nadu has provided NICNET connectivity, more importantly in recent days, high speed Gigabit Network National Knowledge Network (NKN) connectivity to IIT's, various premier Universities in Tamil Nadu and reputed Institutions of National importance for research purposes, apart from Government of Tamil Nadu and its State Data Centre Operations for day to day activities. NIC Tamil Nadu has specialised divisions for Mobile Development and Open Source Technology Group (OTG) for all open source development & research activities across the country.

ICT Initiatives in the State

Vahan & Sarathi <https://parivahan.gov.in/>

Web based version of Vahan and Sarathi (version 4) has been implemented successfully in all 145 RTO Offices located across Tamil Nadu.

m-Vahan (Fitness App)

m-Vahan App has been successfully implemented in all 145 RTOs of Tamil Nadu for conducting Fitness Check by authorized Motor Vehicle Inspectors. An average of 5000 to 10000 FCs being done every Month.

e-Challan

e-Challan is a Centralised Application consisting of Android based Mobile App and web Application. Mobile App is used by the Enforcement Officials of Transport Department and Traffic Policemen for booking Challan against Traffic Violators. More than 14 Lakhs Challans being booked every month by the enforcement Officials of Police and Transport Departments and an average fine amount of Rs 5 Crore being collected every Month.



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NIC Tamil Nadu State has been the technology partner with the Government of Tamil Nadu in all the citizen centric applications. The State achieved laurels in many e-initiatives, thanks to NIC for technical support. Revenue Services, Social Security Schemes, Grievance Day Petition, MIS PDL, DBT, e-Office are some of the important web based software applications with which the citizens, business community and Government at large are benefitted. The team at NIC Tamil Nadu has vast domain knowledge in all key areas of Government and the technical competency to offer solutions. I am very happy to note that Informatics October 2021 is showcasing the e-initiatives of NIC in Tamil Nadu State. I wish the NIC Tamil Nadu team the very best in all their future endeavours and look forward to their continued support for the State in e-Governance initiatives.

THIRU K. PHANINDRA REDDY, IAS
Principal Secretary Revenue Administration,
Government of Tamil Nadu

Traffic Violators can pay the fine amount through Net banking, Debit Card, UPI and post Office.

Intelligent Traffic Management System (ITMS)

ITMS System is app cum web application for booking challans for the traffic violations on road/ traffic signals junctions through ANPR Cameras / ANPR based CCTV Cameras, installed at various locations, for the Police Department.

The violations captured through different media are processed in the ITMS system and challan issued to the violators. The system is integrated with Vahan and Sarathi to get the



▲ Dashboard showing the statistics on Vehicle registration and revenue collection

details of the vehicle owner /Licence holder.

The ITMS system has been implemented in the major traffic signals of the following districts of Tamil Nadu :

- Coimbatore: 17 Traffic Signal Junctions
- Salem City: 1 Traffic Junction
- Tiruchirappalli: 5 Traffic Signal Junctions
- Chennai: 2 Traffic Signal Junctions

Implementation of ITMS in other Traffic Junctions of remaining Districts are in progress.

Computerisation of Tamil Nadu Local Body Elections

NIC TN helped in the Computerisation of Tamil Nadu Local Body Elections by developing modules for Preparation of Photo Electoral Roll for 6.5 Crore Voters for Tamil Nadu Local Body Elections, Randomization of Polling officials (8 Lakh) for polling duty by collectors, Randomization of EVMS for Urban Local body Election. Nomination details entry of Candidate, Online Result Dissemination.

Integrated Temple Management System (ITMS)

<https://hrce.tn.gov.in>

An Integrated Temple Management System (ITMS) has been designed and developed for Hindu Religious and Charitable Endowments

▼ Photo Electoral Roll

தமிழ்நாடு அரசு உள்நாட்டு அமைச்சு/தமிழ்நாடு அரசு உள்நாட்டு அமைச்சு - 2021 கண்காணிப்பு அலுவலகம், வார்டு 5, சென்னை, குரூர்			
1 வா.அ.அ.எண்:KWX1960715 பெயர்: சமுதானம் தந்தை பெயர்: இராஜசுந்தரம் வீட்டு எண்:509 வயது : 54 பாலினம் : ஆண்	2 வா.அ.அ.எண்: KWX1961127 பெயர்: சமுதானம் தந்தை பெயர்: சமுதானம் வீட்டு எண்:509 வயது : 49 பாலினம் : பெண்	3 வா.அ.அ.எண்:KWX1966795 பெயர்: சமுதானம் தந்தை பெயர்: சமுதானம் வீட்டு எண்:513 வயது : 41 பாலினம் : ஆண்	4 வா.அ.அ.எண்: NZJ1432848 பெயர்: சமுதானம் தந்தை பெயர்: சமுதானம் வீட்டு எண்:143 வயது : 21 பாலினம் : ஆண்

(HR & CE) Department to monitor the complete information about the Temples, its attached properties, the revenue earned from various sources, physical and financial progress of New temple and Temple Renovation works (Tirupani), Budgets, Audits, provide various online Temple Services to Devotees, etc.

ITMS is a unique Product that can be replicated in other States / UTs. Comprehensive Bilingual Web Portal developed completely using Open Source Tools using PHP and PostgreSQL. ITMS has been replicated in Puducherry UT for 233 Temples of HRI & Wakf Board (URL is <https://hri.py.gov.in>)

Karnataka Hindu Religious Institutions and Charitable Endowments Department has accorded in principle approval for implementation of ITMS in the State of Karnataka.

Discussion with Uttar Pradesh is in progress.

Benefits

- ITMS portal provides services to all the Devotees / Citizens and the officials with its G2G, G2B and G2C Services.
- Dynamic Websites of 44,000+ Temples in a single Portal.
- eServices : Online Ticket Booking for Darshan during Covid19 strictly on SOP.
- Online Collection: Rs.5.90 crores through Online Darshan Tickets and more than Rs.1.25 crore towards donation through ePayment Transactions with 100% reconciliation
- Modular Dashboard Services
- GIS Integration

- Mobile Apps developed:
 - To capture the Geo-location of Temples across the State by Temple Officials
 - QR Code verification of Online Tickets for Temple Officials
 - App for dissemination of Temple Information such as Temple Deities, timings

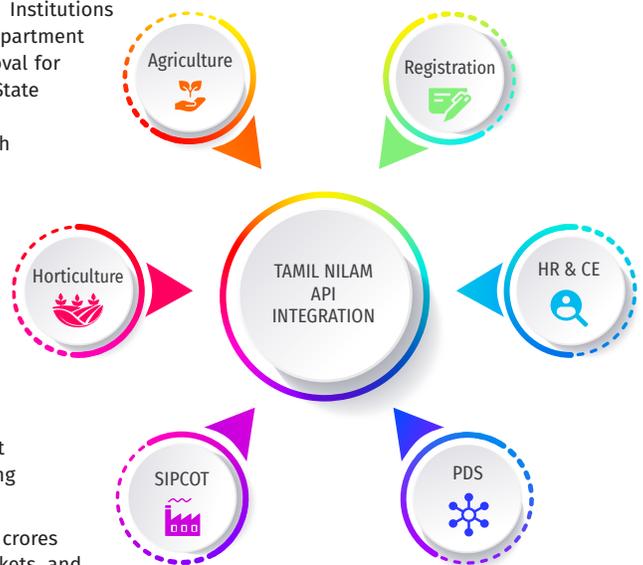
TamilNILAM

<https://tamilnilam.tn.gov.in/Revenue/>

Web Based TamilNILAM (Tamil Nadu Information system on Land Administration and Management) is role based, work flow based application which aims to modernize management of Land Records, minimize scope of land/property disputes, enhance transparency in the Land Records maintenance system. The ultimate objective of Land Records Computerisation is Automatic Mutation and conclusive Titling which was enabled from 23rd February, 2021.

Benefits

- The app facilitates instant generation of Record of rights without any manual intervention.
- Citizen view of ROR is available in 'Any Time Any Where' citizen Portal
- The Web Based TamilNILAM is implemented in 294 Taluks from October 2014
- Total Number of Application Processed 1,11,25,385
- Nearly 6000 Patta transfers are done on a daily basis using this application.
- RoR Viewed (Daily)



▲ Land Record secured Data Sharing across various online applications



▲ The Integrated Temple Management System won award under Exemplary Product category from Digital India Awards 2020 from the Hon'ble President of India

- ▶ Chitta: 2 Lakhs
- ▶ Register: 1.5 Lakhs
- No. of Land Parcels 4,00,70,973
- No. of Land Owners 4,78,08,674

Crime & Criminal Tracking Network & Systems (CCTNS)

<https://eservices.tnpolice.gov.in>

Crime and Criminal Tracking Network & Systems (CCTNS) aims at creating a comprehensive and

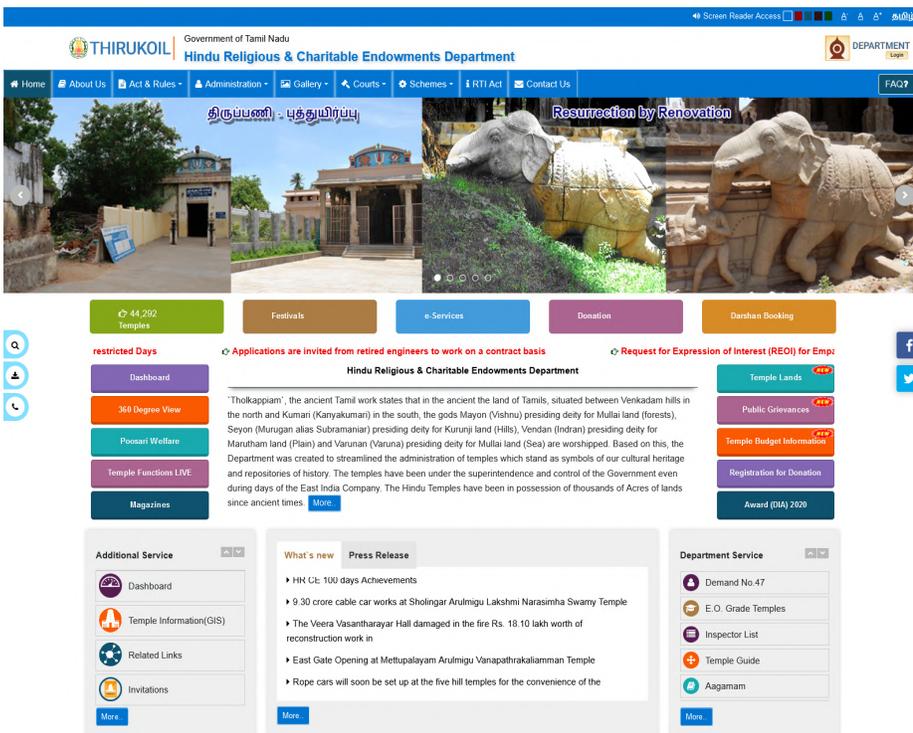
integrated system for enhancing the efficiency and effectiveness of policing. CCTNS is intended to ensure that Police maintains all its Crime and Criminals data through an online system and to provide Citizen access to Police Services online. CCTNS is a Mission Mode Project under the National e-Governance Plan (NeGP) of Govt. of India. The State Crime Records Bureau (SCRB), is the nodal agency for implementing the CCTNS project and NIC is acting as the Application Development Agency.

The CCTNS system is integrated with various pillars of MHA/ NCRB/ ICJS to exchange information. It is successfully integrated with NCRP Portal (Cyber Crime), ICJS, NAPIX (BharatAPI), iRAD, eTaal, CSC, UMANG and FRS Apps.

Benefits

- This service of CCTNS project shall enable Citizens to send their requests for services to Police through online citizen service portal and track status of registered service requests
- The web based workflow system facilitates the officers of the Tamil Nadu Police, right from the Police station to the top level officials to process the online applications, monitor and record the case status and generate various MIS reports on the CCTNS data
- The TNPolice Citizen mobile app facilitates the citizens in filing the online complaints and view the status of FIR/CSR and verify the vehicle details
- The Officers Mobile App facilitates them in viewing FIR/CSR details, monitoring the case progress, Session case trail and NBW pending cases etc. The Mobile App for SI & SSI officers facilitates them in Accused name search, Vehicle search, Scene of crime details and IMEI search

▼ Home Page of Integrated Temple Management System



Common Integrated Police Records Updation System (CIPRUS)

CIPRUS is a comprehensive software solution in monitoring the day-to-day activities of the Police Station. This work-flow and role based application has the modules for Case Registration, Investigation, Prosecution and Admin/Staff Management. It provides a dashboard with major information for Station House Officer (SHO) and facilities to generate various MIS reports. The DMU (Data Migration Utility) helps in migrating/ transferring the Police Station level CIPRUS application data to the National level Core Application Software (CAS)

maintained by National Crime Records Bureau (NCRB). The CIPRUS Application is successfully implemented in all 63 Police Districts across all 1952 Police Stations including Special Units. On an average, 75,000 FIRs and 80,000 CSRs are getting registered monthly in the state.

Online Examination System (OESNIC)

An examination portal for conducting both descriptive and Objective type questions. Salient features are Multilingual Support, Multi Tenant Architecture, Mobile Friendly Responsive Web Design. More than 150 Exams are conducted for NIC, other Central and State Government Departments.



▲ OESNIC interface

Monitoring of Swachh Bharath Mission Activities through Online Application and Mobile App

An Integrated Monitoring System for Swachh Bharath Mission Activities has been developed by NIC Tamil Nadu State Centre for Rural Development and Panchayat Raj Department, Government of Tamil Nadu. A web based Software has been developed for monitoring the activities of Thooimai Kaavalars (Swachhta Dhoots – Clean Village campaigners) numbering about 13,000.

e-Taxation - Directorate of Town Panchayats, Tamil Nadu

Tax collection modules related to Property Tax, Water charges, Profession Tax, Non Tax and Trade License for all 528 Town Panchayats have

▼ Property Tax Receipt

Do not waste water, use it economically.

Achirapakkam Town Panchayat, Chengalpattu District
Receipt of Property Tax

Assessment Number : 2468	Name of the Owner : M.Pathrila	
Receipt Number : 2021-2022/200046/1/672	Date : 22-09-2021 02:01 PM	
Street Name : Door No-7, ST-01-(ACHARAPAKKAM WEST MADA STREET)	Ward No : WD-13	
Mode of Payment : Cash	Usage Type :	

Demand detail	Taxation period	Amount in Rs			Note
		Arrears Amount	Current	Total	
Property demand	2021-2022 (1st Half)	0	79.00	79.00	
Property demand	2021-2022 (2nd Half)	0	79.00	79.00	
SWM demand	2021-2022 (APRIL-MARCH)	0	24.00	24.00	
			Total	182.00	

Rupees(₹) :One Hundred and Eighty-Two

kpmpadmin kpmpadmin
Bill Collector

Executive Officer
Achirapakkam Town Panchayat

been developed. Salient features include Masters and Business Logic is Customizable at local Town Panchayat, Multilingual Support. Service requests can be handled through a customizable workflow methodology.

Department of Industries and Commerce

New Entrepreneur-Cum-Enterprise Development Scheme (NEEDS)

New Entrepreneur-cum-Enterprise Development Scheme (NEEDS) was introduced from the year 2012-13 onwards to assist the educated youth to become first generation entrepreneurs. The objective of the NEEDS system is to enable the Online Filing of NEEDS Application and to computerize the entire flow involved in the processing of NEEDS Application.

Benefits

- Educated youth will be assisted in getting entrepreneur training, preparing their business plans, tie up with financial institutions to set up new business ventures and assist to avail terms loans from Banks/ Tamil Nadu Industrial Investment Corporation (TIIC)

- So far 25,623 Applications received on NEEDS and 6,506 Applications Sanctioned by Bank

Unemployed Youth Employment Generation

A web based system for online filing of UYEGP and to manage the entire process flow involved has been designed, developed and implemented.

Benefits

- Applications received on UYEGP: 65,094
- Applications Sanctioned by Bank: 17,316

Integrated Court Case Monitoring System (CCMS)

The main objective of CCMS is to establish a new management system and procedure to expedite resolution of all cases and to actively monitor the cases in which Government is a party, till timely conclusion.

Benefits

- Enables fetching the details of Court cases filed before High Court of Madras on real time basis and that helps the Government for responding the directions of the Court by improving management of Court Case in a systematic way
- Ensure the filing of Counter Affidavit and necessary follow up action to monitor the Court cases effectively
- Provisions for fetching the Next Hearing Date, Judgements/Orders, etc. will help the Department/ HODs concerned, to get prepared for taking necessary action to avoid the disdain of Court if any

TN-IAS Intra

<https://agaram.tn.gov.in/ias>

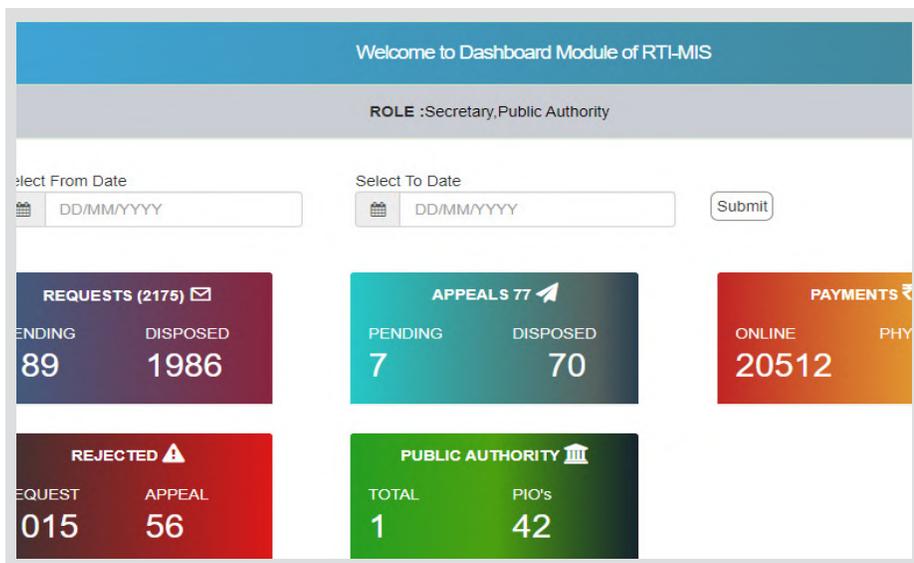
TN-IAS Intra Application is a Computer based system for maintenance of the Service Register to provide an accurate picture of man power, service particulars, deputation details, etc., It has now been reengineered, so that the application software will get merged with the existing Application for the Administration of Carded Civil Servants (IAS Officers) in the State to accommodate further requirements in tune with emerging technical advancements and support in terms of current technology. Revamping the IAS Intranet envisages bringing out the automation of process flow in e-Tour, e-leave, e-Foreign Tour and e-LTC modules of the system.

RTI Online Information System

RTI Online Information System is an ICT based tool that facilitates/ empowers the citizens to File RTI Requests online, File first Appeal online, Track and Monitor the status and Receive Reply online. It facilitates the Departments of Tamil Nadu to e-Manage & e-Monitor the RTI request & First Appeal.

Benefits

- Monitoring at the level of Nodal Officer for all PIOs and FAAs
- System maintains the history of all the actions chronologically in the life cycle of a RTI Request and first appeal
- Citizen can track the status of RTI request or first appeal



▲ Dashboard of Secretary level Login

eGov Application for Department of Ex-Servicemen

<https://esmwel.tn.gov.in/>

The Department of Ex-Servicemen's Welfare is responsible for resettlement of Ex-Servicemen, family and of the families of serving Defense Personnel in the State. Major Activities of the Department are Registration of Ex-Servicemen, Employment related activities, implementing various welfare schemes like grants, etc. and Miscellaneous activities related to Ex-Servicemen

It also covers activities like Registration of Employment, Generation of Primary and Secondary Employment Card, Issue of Priority Certificate, Employment Renewal, Modification,

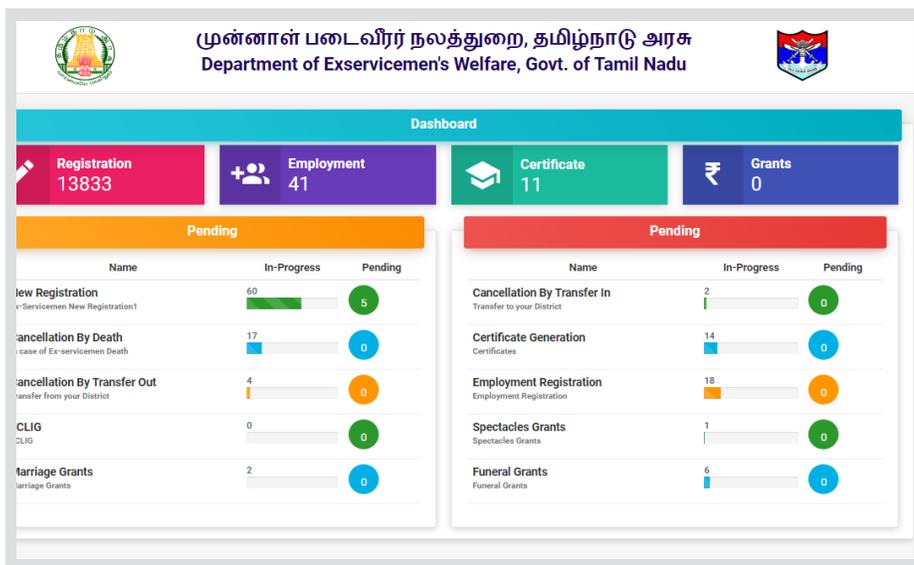
Add Qualification, Add Priority and Remove from Live. This application is being replicated in Chhattisgarh.

Online Contributory Pension Scheme (CPS)

A complete system to maintain and process the CPS details of the State Government Employees recruited on or after 01/04/2003. It is a web based system for carrying out the complete workflow involved in the processing of contributions under the Contributory Pension Scheme (CPS).

Visit of VIPs to NIC State Office or NIC Events

▼ Dashboard depicting ex-servicemen activity details



The third round of online auctioning of the gift items received by our Hon'ble Prime Minister is conducted from 17-Sep-2021 to 7-Oct-2021 through

Benefits

- Total No. of S1 Forms filed Online: 2,24,955
- No. of Applications Approved & Allotted: 2,21,511
- No of Application Returned back to DDO: 657
- No of Application yet to be processed: 2,787
- CPS Account slip for the Financial Year 2019-2020 disseminated for 4,97,894 Subscribers

the portal <https://pmmementos.gov.in> developed by NIC. The gift items include sports gear and equipment of the medal-winning Olympians and Paralympians. The proceeds of this auction will go to the 'Namami Gange' initiative

- Hon'ble Chief Minister, UP presided over 18th CSI SIG eGovernance awards 2020 function held on 12.02.21 at Lucknow and conferred Award of Excellence to Central Public Procurement Portal and PM Mementos Portal
- Chief Minister of Tamil Nadu launched 'Auto Mutation of Land Records' on 23rd Feb 2021

Accolades

- NIC Tamil Nadu won gold award under Excellence in Digital Governance – State/ UT category from Digital India Awards 2020 from the Hon'ble President of India
- The Integrated Temple Management System won silver award under Exemplary Product category from Digital India Awards 2020 from the Hon'ble President of India
- Government eProcurement System of NIC (GePNIC) application won silver award for NIC Data Quality Challenge
- "Mobile App as a Service for District Administration" developed by DIO Nilgiris, won the Best Mobile App under Innovation Category competing more than 400 apps developed across the country

Way Forward

Dedicated officials at State and District centres work together, discover ideas to drive innovative solutions and provide better next-generation digital services for state and central Government.

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