



सत्यमेव जयते

INDIA NON JUDICIAL

**Government of Karnataka**

Rs. 100

**e-Stamp**

**Certificate No.** : IN-KA11502890273554R  
**Certificate Issued Date** : 20-May-2019 04:04 PM  
**Account Reference** : NONACC (FI)/ kacrsfl08/ HSR LAYOUT/ KA-BA  
**Unique Doc. Reference** : SUBIN-KAKACRSFL0852146097081646R  
**Purchased by** : KNOWLEDGE LENS PVT LTD  
**Description of Document** : Article 12' Bond  
**Description** : CHANNEL PARTNER AGREEMENT  
**Consideration Price (Rs.)** : 0  
 (Zero)  
**First Party** : KNOWLEDGE LENS PVT LTD  
**Second Party** : TRIPURARI ENTERPRISE PVT LTD  
**Stamp Duty Paid By** : KNOWLEDGE LENS PVT LTD  
**Stamp Duty Amount(Rs.)** : 100  
 (One Hundred only)

**Authorised Signatory**  
 Karnataka SDDM-CO-OP Society Ltd,  
 #867, Hosa Road, Opp. Chennakeshava  
 School, Bangalore-560 100.  
**Mob: 9035304846**



Please write or type below this line

**Channel Partner Agreement**

This agreement is made on the 18<sup>th</sup> Day of May 2019 between

**Principal Company : Knowledge Lens Pvt Ltd**

**Address : Plot No 74/A, KEONICS ELECTRONIC CITY Bangalore 560100**

**Represented by : Sudheesh Narayanan (Director)**

**Contact No : +91 9916025302**

**Email : [sudheesh@knowledgelens.com](mailto:sudheesh@knowledgelens.com)**

**Statutory Alert:**

1. The authenticity of this Stamp Certificate should be verified at "www.shclsiestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



**Distributor Company : M/s Tripurari Enterprise Pvt. Ltd (TEPL)**

Address : 710, 7<sup>th</sup> Floor, Eastern Mall, Dangratoli Ranchi, Jharkhand 834001

Represented by : Mr. Vikrant Shrivastava (Director)

Contact : +91 9835811737

Email : [tripurarienterprisesvt.ltd@gmail.com](mailto:tripurarienterprisesvt.ltd@gmail.com)

: [www.tripurarienterprises.com](http://www.tripurarienterprises.com)

Area of this Distributorship: Entire State of Jharkhand

Target : **Minimum New Site Connectivity of**

**100 Nos by Mar 31<sup>st</sup> 2020**

Product Covered : GLens Client Software for CEMS/AAQMS/EQMS Connectivity  
to CPCB/JPCB

Agreement Period : 1<sup>st</sup> May 2019 till 30<sup>th</sup> April 2023

**Agreement Review Period** : Every 180 days from the execution of the contract to ensure minimum order quantities and support provided by knowledge Lens.

**Terms and Conditions of the Agreement**

- This agreement covers the GLens Software for the state of Jharkhand for connecting Online Data from CEMS/AAQMS/EQMS to CPCB/JPCB
- The agreement includes an Exclusivity clause for Jharkhand state under the condition that Tripurari Enterprise Pvt. Ltd (TEPL) exclusively works with Knowledge Lens Pvt Ltd for all Jharkhand PCB connectivity requirements for Software connectivity. In such an event Knowledge Lens will route all existing partners to work with Tripurari Enterprise Pvt Ltd (TEPL) for connectivity for Jharkhand PCB.
- Name of JSPCB portal will be "KnowledgeLens TEPL"
- Knowledge lens Jharkhand office (service provider server address) will be Tripurari Enterprises Pvt.ltd (TEPL) -710, 7<sup>th</sup> Floor, Eastern Mall, Dangratoli Ranchi, Jharkhand 834001**
- Both party mention related this agreement on both Web site(Company name, address, Contact No and Etc. [www.tripurarienterprises.com](http://www.tripurarienterprises.com))
- If it is observed OR With proof that Tripurari Enterprise is working with other Software Providers for data connectivity in the state of Jharkhand PCB, the exclusivity clause will remain cancelled, but its will not truth then no any termination without mutual understanding (Both party Knowledge Lence & Tripurari Enterprises Pvt.Ltd (TEPL)) however distributorship to sell software on behalf of Knowledge Lens can be retained as part of this agreement. This agreement may be not terminated before 30 april 2023 at any cost
- Tripurari Enterprise Pvt Ltd (TEPL) when working with other software providers should inform Knowledge Lens Pvt Ltd in writing and then the exclusive clause will be automatically considered removed from this agreement.



*Vikrant Shrivastava*





- h. In the event, that there is no intimation from Tripurari Enterprise Pvt Ltd (TEPL) on working with other Software Providers in the state of Jharkhand, Knowledge Lens has the right to cancel this distributorship unconditionally and move ahead without this agreement.
- i. Knowledge Lens will provide Technical Support and Training to Tripurari Enterprises Pvt Ltd (TEPL) team to install and configure the software at client premises
- j. Knowledge Lens will provide remote support to Tripurari Enterprises Pvt Ltd (TEPL) team for any site connectivity issues and help in resolving them.
- k. Knowledge Lens will provide a local server at Tripurari Enterprise Pvt Ltd (TEPL) for all local connectivity to Jharkhand Pollution Control Board. This server will remain property of Knowledge Lens in custody of Tripurari Enterprise Pvt. Ltd (TEPL) during the period of the agreement. At the end of the agreement by any of the party, Tripurari Enterprise Pvt Ltd (TEPL) has the liability to ship the server to Knowledge Lens Bangalore Office without any damages.
- l. Knowledge Lens will upgrade the server based on the number of sites connected to the Server so that there is no capacity or performance issues on the server.
- m. Tripurari Enterprises Pvt Ltd (TEPL) can send Engineers to Knowledge Lens Bangalore office for any training required.
- n. In case of not meeting the minimum order during any Half yearly review, the following actions will be performed
  - a. If the number of connectivity orders has not reached the minimum order quantity due to lack of business, both Knowledge Lens and Tripurari Enterprise Pvt Ltd (TEPL) will jointly work on marketing and creating new business models.
  - b. If the number of connectivity order has not reached the minimum order quantity due to competitor capturing the market, both Knowledge Lens and Tripurari Enterprise Pvt. Ltd (TEPL) will work on strategic actions to beat the competition
  - c. If the number of connectivity order is not achieved due to Tripurari Enterprise Pvt. Ltd (TEPL) focusing on other business or with other partners, Knowledge Lens has the right to terminate the agreement.

#### Pricing and Commercial Terms of the agreement.

- a. Tripurari Enterprise Pvt Ltd (TEPL) can use PC or Data Logger model for communication based on requirements.
- b. For Data Logger Connectivity, Knowledge Lens will provide iLens Data Logger for JSPCB and CPCB Connectivity

Each Data Logger Hardware cost will be 25,000/- INR + GST

Each Data Logger should be loaded with a GLens Client Software License for Data

Transmission and the charges will be as follows

1. [REDACTED] /- INR + GST (Upto 4 Parameters)
2. [REDACTED] /- INR + GST (Upto 10 Parameters)
3. [REDACTED] /- INR + GST (Upto 25 Parameters)
4. [REDACTED] /- INR + GST (Upto 50 Parameters)
5. [REDACTED] /- INR + GST (Upto 100 Parameters)
6. [REDACTED] /- INR + GST (Unlimited Parameters)
7. Camera Connectivity
  - a. [REDACTED] /- INR + GST Per Camera with Static IP
  - b. [REDACTED] /- INR + GST Per Camera without Static IP



- c. For PC based communication, Knowledge Lens will provide GLens Client Software for PCB and SPCB connectivity

- a. The following will be pricing for PC based connectivity

**GLens Client Software License**

8. [REDACTED] /- INR + GST (Upto 4 Parameters)
9. [REDACTED] /- INR + GST (Upto 10 Parameters)
10. [REDACTED] /- INR + GST (Upto 25 Parameters)
11. [REDACTED] /- INR + GST (Upto 50 Parameters)
12. [REDACTED] /- INR + GST (Upto 100 Parameters)
13. [REDACTED] /- INR + GST (Unlimited Parameters)
14. Camera Connectivity
  - a. [REDACTED] /- INR + GST Per Camera with Static IP
  - b. [REDACTED] /- INR + GST Per Camera without Static IP
  - c.
- d. Remote Calibration Service Charges per Stack → 15,000/- INR + GST
- e. Remote Calibration Kit
  - Without Solenoid Valves → [REDACTED] /- INR + GST for 2 Gases
  - With Solenoid Valves → [REDACTED] /- INR + GST for 2 Gases

**Yearly Data Hosting Charges for CPCB/JSPCB**

1. [REDACTED] /- INR + GST (per Parameter)

**Engineer Visit Charges**

1. Any Engineer Visit required will be charged at [REDACTED] /- INR + GST per Man Day

**Discount Agreement**

Once Tripurari Enterprise reach the minimum order quantity within March 2020, there will be a 5% Credit Note issued for all New connectivity achieved during the period till March 2020 and this credit note can be immediately utilized for further orders.

If The order quantity reaches 200 Nos, then a credit note of 10% on the entire new connectivity will be issued to Tripurari Enterprise which can be availed for all future orders.

Note, Yearly Data Hosting Charges will be outside this discount schedule as the pricing is already discounted to the minimum.



**For Knowledge Lens Pvt Ltd**



**For Tripurari Enterprise Pvt. Ltd**



# PRODUCT CONFORMITY CERTIFICATE

This is to certify that the

## ***GLens v6.0 Environmental Monitoring Software***

Manufactured by:

### ***Knowledge Lens***

2nd Cross Neeladri Nagar  
Electronic City  
Bangalore - 560 100  
India

has been assessed by Sira Certification Service  
and for the conditions stated on this certificate complies with:

**MCERTS Performance Standards and Test procedures for  
Environmental Data Management Software, Version 4, (December 2017)  
in respect of:**

Part A – Generic Software Quality  
Part B – Data Management Application Standard  
Part C1 – CEMS Data management applications – Generic Requirements  
Part C2 – CEMS Data Management Applications – EN14181 Requirements

Project No.: 70174314  
Certificate No: Sira MC180337/00  
Initial Certification: 11 May 2018  
This Certificate issued: 11 May 2018  
Renewal Date: 10 May 2023

Joe Prince MSc, MInst MC  
Certification Manager

MCERTS is operated on behalf of the Environment Agency by

## **Sira Certification Service**

Unit 6, Hawarden Industrial Park  
Hawarden, Deeside, CH5 3US  
Tel: +44 (0)1244 670 900

*The MCERTS certificate consists of this document in its entirety.  
For conditions of use, please consider all the information within.  
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## Approved Site Application

Any potential user of the certified software should:

- 1) Ensure that it is suitable for the platform on which it will be installed (if necessary in consultation with the software producer)
- 2) Ensure that the selection and operation of the software is appropriate to the application

## Basis of Certification

This certification is based on the following Test Report(s) and on Sira's assessment and ongoing surveillance of the product and the manufacturing process:

- 195\_v1\_KL\_GLens\_MCERTS\_Main-assessment\_Report dated 26th March 2018

## Product Certified

Product	Version	Remarks
GLens environmental monitoring software	V6.0	Version prepared for MCERTS Data Management certification

Later minor changes to the certified version are permitted in accordance with the conditions of the standard. Knowledge Lens shall follow the instructions given in the standard to prepare for the surveillance audit which is required towards the end of the validity period of this certificate.

It should be noted that, as yet, no MCERTS sector standard exists for regulator's portal applications, therefore only Parts A and B of the standard apply to them.

It has been necessary to grant one minor concession, as follows:

<i>B6.2 Does the application have to synchronise measurements within a time window?</i>	<i>CONCESSION: GLens only operates with instruments (such as a weather station) which performs synchronisation itself. GLens will never handle synchronised measurements of this kind.</i>
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GLens v6.0 Data Acquisition Software composed of the major components identified in the table below and running in the stated software environments.

<b>Deliverable</b>	<b>Function</b>	<b>Software Environment</b>
GLens DAS Client	<ul style="list-style-type: none"> <li>✓ Raw Data Acquisition from Analysers of different make and models, OPC, PLCs, Analog to Digital Convertors</li> <li>✓ Diagnostic Data Acquisition from Analysers of different make and models</li> <li>✓ Automated Data Validation</li> <li>✓ Automated Analyser Calibration including Remote Calibration feature</li> <li>✓ Remote Configuration Feature</li> <li>✓ Secured and Encrypted Data Transmission</li> </ul>	Customer Site PCs running Windows 7 and above, Redhat/CentOS 6 and above, Ubuntu 14 and above
GLens Central Server	<ul style="list-style-type: none"> <li>✓ Real Time Trends and Averages</li> <li>✓ Standard Reporting and Calculations for various Industry Sectors like LCPD etc.</li> <li>✓ Audit Logging and Alerting</li> <li>✓ Validation system for QAL 2, QAL 3 and AST</li> <li>✓ Regulatory Standards based Alarms and Alerts</li> <li>✓ Statistical Process Control Charts with EWMA, Shewhart, CUSUM etc.</li> <li>✓ Automated Calibration including Remote Calibration</li> <li>✓ High Availability Module</li> </ul>	Customer Site Servers or Regulator Servers running Windows 7 and above, Redhat/CentOS 6 and above, Ubuntu 14 and above
GLens Portal	<ul style="list-style-type: none"> <li>✓ Regulatory Alerts and Alarms</li> <li>✓ Data Availability and Compliance Reporting</li> <li>✓ Workflow and Maintenance management scheduler for Analysers</li> <li>✓ SMS and Email Alerting</li> <li>✓ Analytical Reporting</li> </ul>	Regulator Servers running Windows 7 and above, Redhat/CentOS 6 and above, Ubuntu 14 and above

### Software Modifications

In the event of a major release the developer shall provide brief supporting evidence to the Certification Body who will advise whether recertification is necessary.

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## Certified Performance

The application is able to perform the following tasks:

- Direct Communication with analyser (any make or model) using analyser protocols.
- Communication with PLCs (Programmable Logic Controllers) using Modbus, OPC, etc.
- Real Time data trends display and alarms based on the data acquired from the analysers.
- Real Time Dashboards based on monitored stations
- Averages of 1, 5, 10, 15, 30 and 60 minutes periods, X hours, daily, monthly and yearly aggregations
- Raw data normalisation to standard reference
- Validation of data based on defined uncertainty guidelines
- Regulatory control of emission limit values and IED Reporting
- Reporting capabilities for WID, LCPD, etc.,
- Reports available in HTML, PDF, Word, Excel, CSV Formats and destinations (printers, emails, file sharing etc.)
- Ad-hoc and customisation reporting including wind rose and pollution rose
- QAL2 and automatic/manual QAL3 management including control charts and other SPC (statistical process control) techniques,
- Regulatory control of emission limit values, unavailability, trends,
- High Availability of Central Server and Data acquisition modules
- Data Encryption and security/integrity of the data
- Remote calibration, configuration and workflow management
- Advanced Data Analytics features for source identification

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## Description

GLens is a real time data acquisition, monitoring, reporting and analytics software for environmental data and adheres to the requirements of EN14181 and MCERTS certified Environmental Data Management Software requirements for Environmental and Continuous Emissions Monitoring reporting systems.

GLens Environment Monitoring Software is developed by Knowledge Lens Pvt. Ltd and it is suitable for Emission, Effluent, Ambient and Noise Monitoring. The GLens software provides modules for monitoring and analytics of Continuous Ambient Air Quality Monitoring Stations (CAAQMS), Continuous Emission Monitoring Systems (CEMS) and Continuous Effluent Quality Monitoring Systems (CEQMS). The main functions include monitoring station configuration (sites, stations and analysers), technical management (data acquisition, normalisation, validation, calibration check, etc.), data processing (data display, reporting) and advanced analytics (time series analytics, forecasting, AQI index etc).

## General Notes

1. This certificate is based upon the equipment tested. The Manufacturer is responsible for ensuring that on-going production complies with the standard(s) and performance criteria defined in this Certificate. The Manufacturer is required to maintain an approved quality management system controlling the manufacture of the certified product. Both the product and the quality management system shall be subject to regular surveillance according to 'Regulations Applicable to the Holders of Sira Certificates'. The design of the product certified is defined in the Sira Design Schedule V001 for certificate No. Sira MC180337/00
2. If certified product is found not to comply, Sira Certification Service should be notified immediately at the address shown on this certificate.
3. The Certification Marks that can be applied to the product or used in publicity material are defined in 'Regulations Applicable to the Holders of Sira Certificates'.
4. This document remains the property of Sira and shall be returned when requested by the company.

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