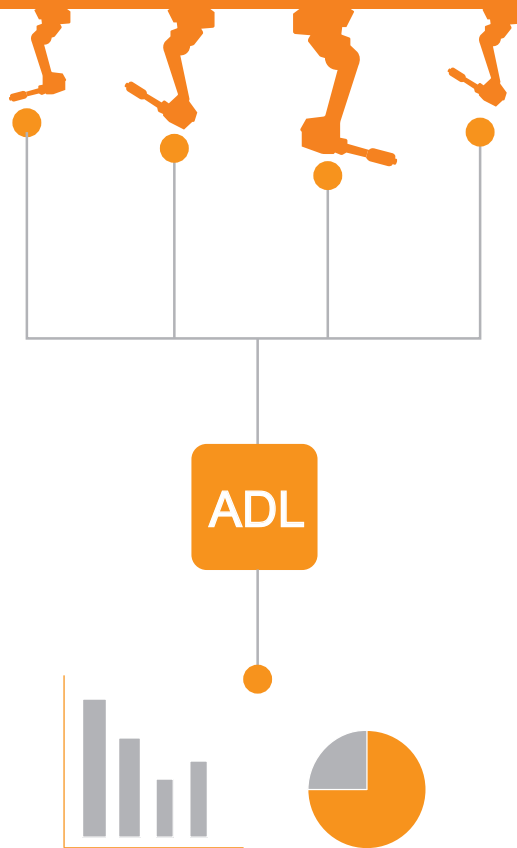


ANDON^α
AUTOMATION

DATALOGGER

For easy monitoring of the production
Communicate with different generations of control systems



PRODUCT SHEET

ANDON DATALOGGER

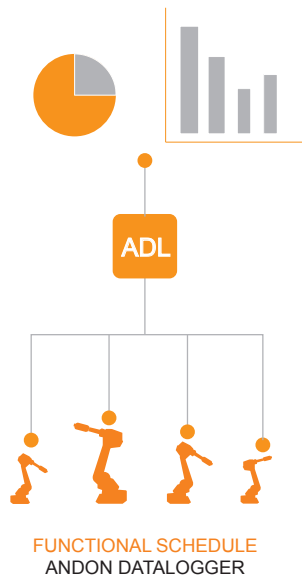
DATALOGGER

WHAT IS ANDON DATALOGGER?

Now it's easy to log production data and thereby have control over the equipment.

Andon data logger (ADL) consists of a unit that is installed directly into your facility with standard cabling. As a user, you choose which equipment to be connected to this device.

Through a simple web interface the user can surf into the data logger's internal web server where configurations can be performed and to view and export data by equipment.



WHY ADL?

ADVANTAGES OF LOGGING

ADL is the solution if you are looking for an easily accessible system that provides the right information, presented in a clear way.

The datalogger enables an easy way to log production data without requiring a costly overall system. Moreover, it is easy to install and it fits all equipment that can spare a 24 Volt signal, examples of equipment are as follows:

- Industrial Robots
- Processing Machinery
- Processing Equipment

Information sent from each equipment may include the following:

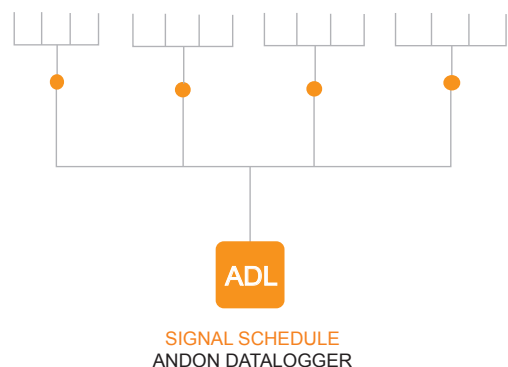
- Operating time
- Production time
- Product counting
- Stop time
- Processing time
- Waiting time
- Alarm counting

The company can use the information from the logger for beneficial purposes such as:

- Predict service
- Inform about the reason of production stop
- Inform about the production situation

CAPACITY SIGNALS

ADL can log 16 individual signals. This means that it's possible to log an equipment that gives 16 signals, or 16 equipments that gives one signal each.



Each signal can be freely configured concerning the treatment of the flanks, this is done through a simple web interface. The choices are to log the time between positive and negative flank or to count the number of high or low flanks.

How the user chooses to configure the signals will determine what information to be automatically logged.

INTERNAL WEBSERVER

HOW DOES THE LOGGING WORK?

The data logger contains a small web server that connects directly to your company's local network, where all information is stored on an SD card.

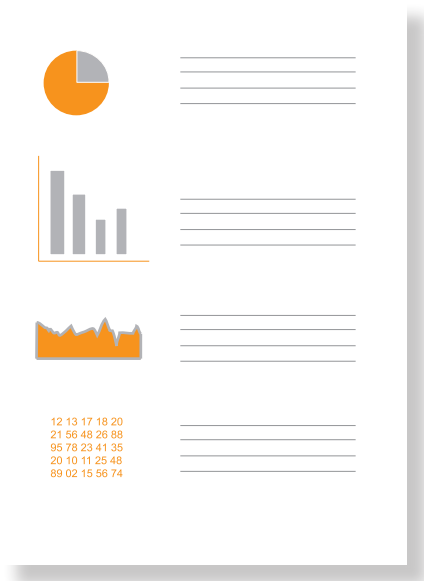
On the data loggers web interface, the user is allowed to see which signals are defined and to define new signals. A signal is represented by a name, a description and flank types.

Furthermore the user can, via the web interface, see statistics for the connected equipments and export data in the following file formats:

- CSV
- JSON
- XML

The files can then be imported into an overall quality system for further analysis, for example Microsoft Office.

In order to present the data in a way that suits the company best, customized reports directly in the web interface are available as an additional service.



CUSTOMIZED REPORTS
ANDON DATALOGGER

INSTALLATION

HOW DOES IT WORK?

ADL is easy to install. The supplied signal cable (15 meters) connects to the selected equipment and the power supply with a plug (2 meters) and the ethernet cable RJ45 is connected to the ADL.

Things to consider before the installation:

- The equipment shall spare a 24 volt signal
- Internet connection shall be available
- The ADL needs a 230 Volt socket

Andon Automation provides installation for an extra charge. Installation can also be done by the customer through consultation with us.

PRICE

ADL - A FAVOURABLE INVESTMENT

175 EUR/MONTH

Charged at 6 months intervals
Time of notice 3 months

Charged separately

- Installation provided by Andon Automation
- Customized reports as an option

www.andonautomation.com

Andon Automation AB
Radiatorvägen 2, SE-702 27, Sweden
Tel: +46 (0)19 207 200

ANDON DATALOGGER

TECHNICAL SPECIFICATIONS

Power supply	100-240V AC 0,33A 50/60HZ
Number of inputs	16pcs i groups of 4 per cable
Input voltage	24V DC 7mA
Logging frequency	> 500ms
Network	1xRJ45 100Mbit (ADL Requires internet access for correct time format)
Status indicators	Operation and active logging