



QSM CONSULTING LTD.
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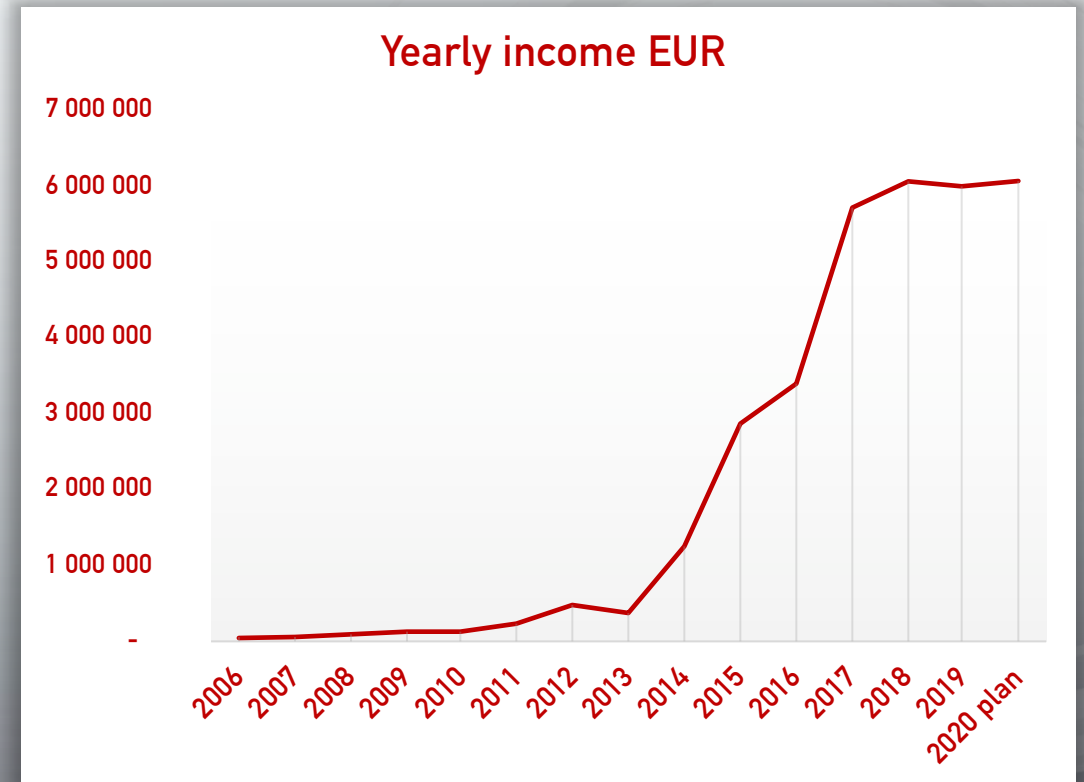
PARTNER IN QUALITY



SOFTWARE SOLUTIONS

Quality Solutions Magyarország Ltd. was founded in 2006. Initially the main business was advice. We've been developing year after year, so we are now doing the following services:

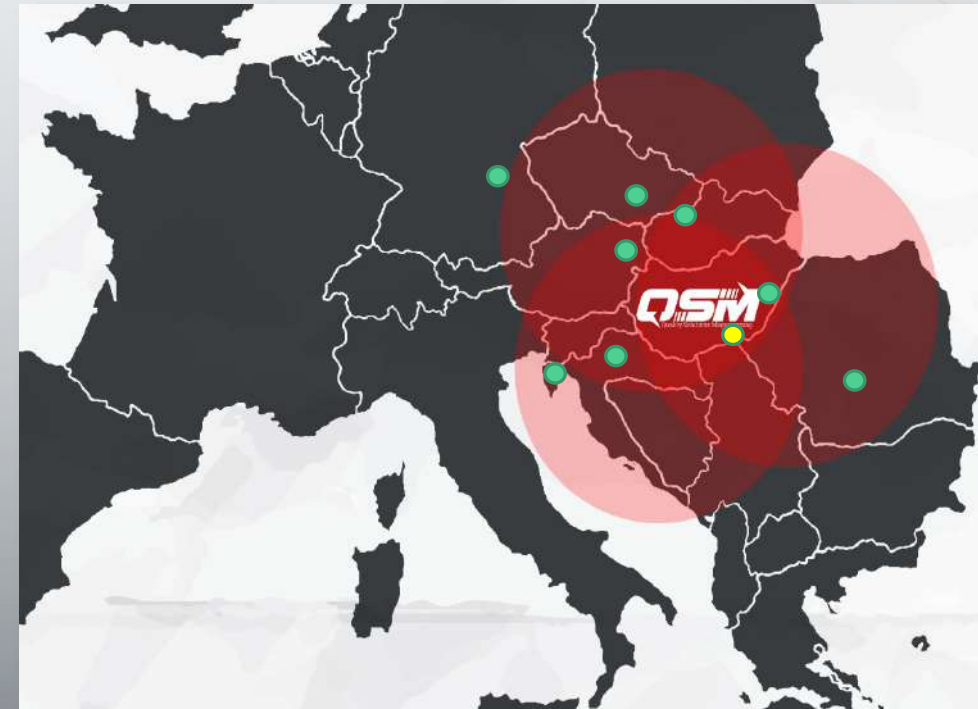
- trade of automotive parts
- trade of special steel raw materials
- trade of welding consumables
- warehousing, sorting
- visual and measurable quality controls
- full customs administration and warehousing
- design and product customized tools for logistic and production

The logo for QSM GROUP features the letters 'QSM' in a large, bold, red font with a stylized arrow pointing right through the 'M'. Below 'QSM', the word 'GROUP' is written in a smaller, black, sans-serif font. To the left of 'QSM', there are three vertical black bars of varying heights.

INTRODUCTION

As a milestone in our unbroken development, QSM Consulting Ltd. started operating in 2018. Our goal is to offer you and your colleagues a solution with our qualified team, whether it is ISO9001 or IATF16949 system, and - process development, internal audit of standard conformity, supplier development, measurement technology issues, training, 3rd party measurement, engineering support, complaint handling, sorting, custom measuring devices, or logistic developments.

Don't hesitate to contact us, QSM Consulting is your PARTNER IN QUALITY!

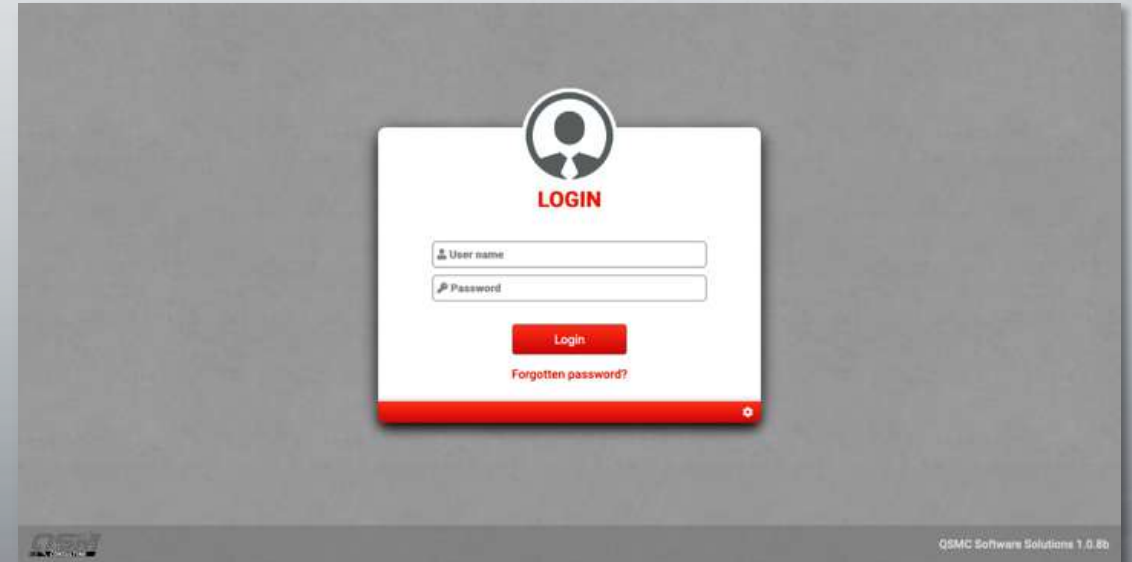
The logo for QSM Group, featuring the letters 'QSM' in a bold, red, italicized font with three vertical bars to the left, and the word 'GROUP' in a smaller, black, sans-serif font below it.

INTRODUCTION

Software solutions

With our self developed and modular software you can take control. (data collection and analysis, evaluation, OEE, SPC, gauge monitoring, etc.)

You only need an internet browser to work with your computer or tablet from anywhere in the world.

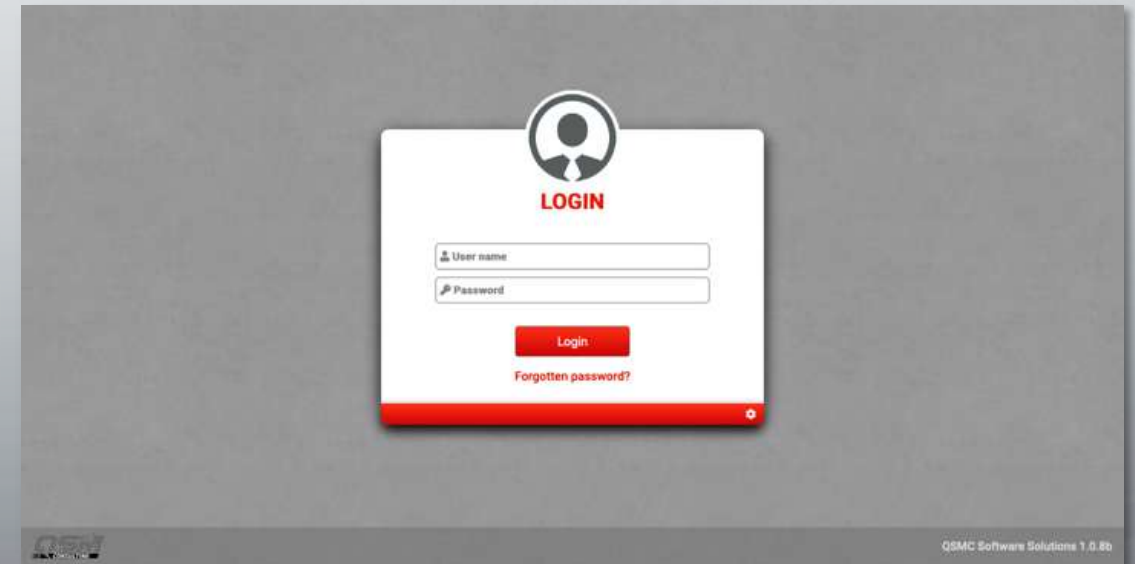
The logo for QSM GROUP, featuring the letters 'QSM' in a large, bold, red font with a stylized arrow pointing right. Below 'QSM' is the word 'GROUP' in a smaller, black, sans-serif font. To the left of 'QSM' are three vertical red bars of varying heights. The logo is set against a circular, technical-looking background with red and grey tones.

WHAT CAN WE HELP YOU?

Software solutions

With this web framework our solution is platform independent. You can use it on Windows, Linux, MacOs, Android, iOS...

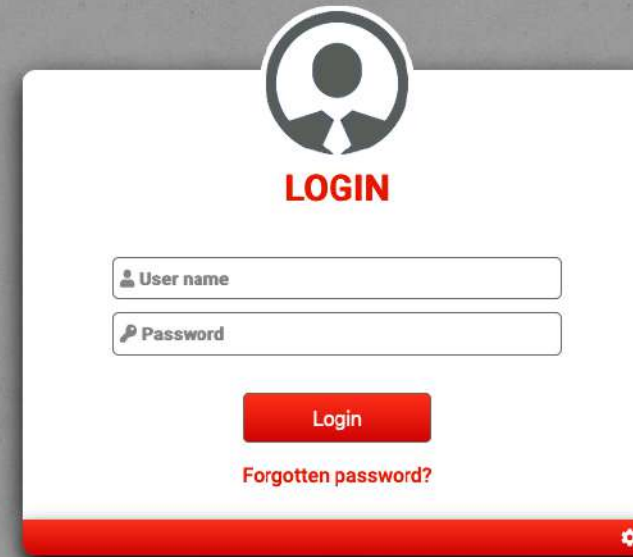
The system uses language files, so we can translate it easily. You can use themes for the appearance, it can be customized according to the company design.

The logo for QSM Group, featuring the letters 'QSM' in a large, bold, red font with a stylized arrow pointing right. Below 'QSM' is the word 'GROUP' in a smaller, black font on a white background. The logo is set against a circular, grey, textured background with red accents.

WHAT CAN WE HELP YOU?

HOW IT WORKS?

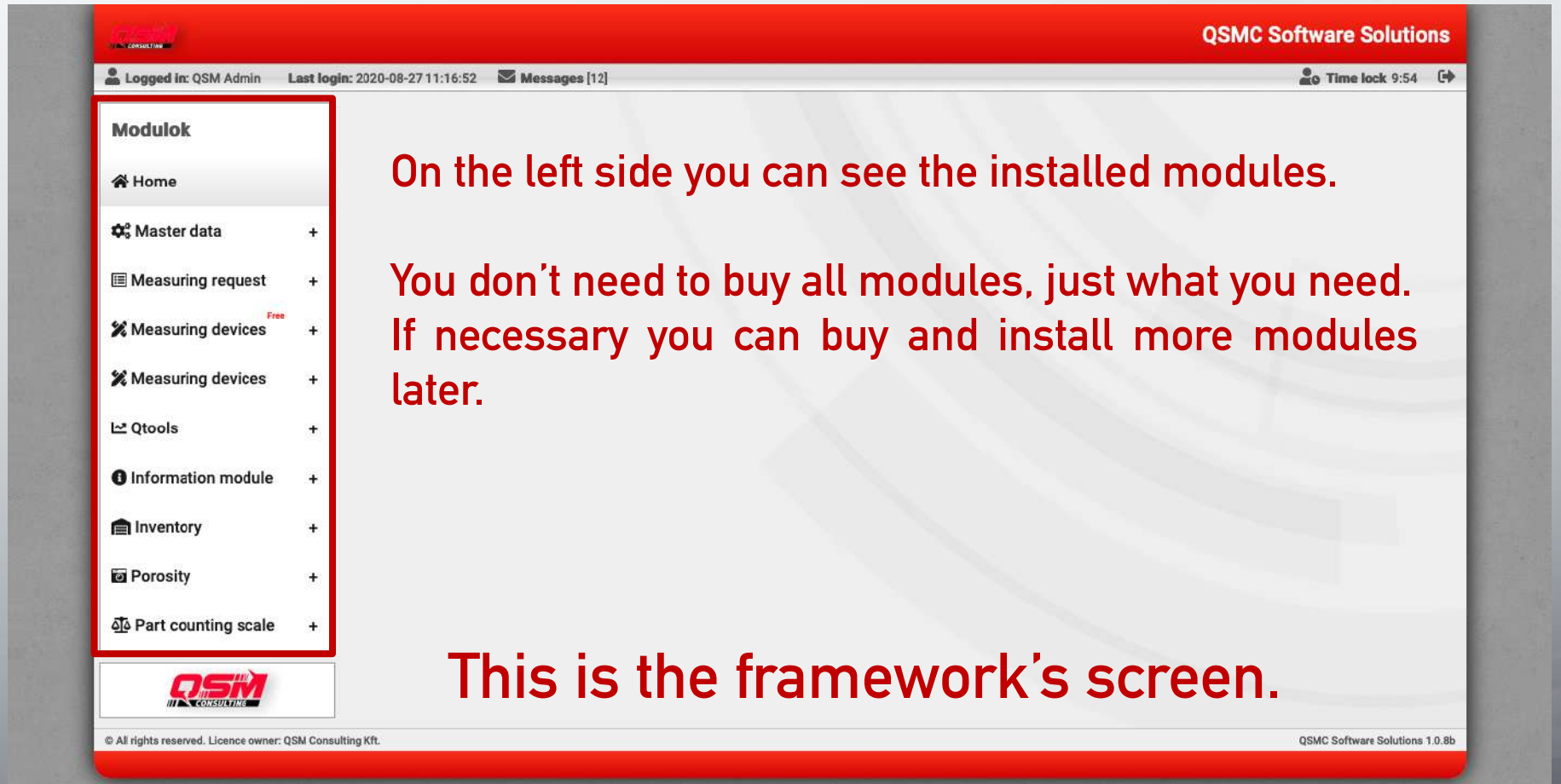
This is the login screen.



The screenshot shows a login interface with a white background and a red header. At the top center is a circular icon of a person's head and shoulders. Below the icon, the word "LOGIN" is written in red. There are two input fields: the first is labeled "User name" and the second is labeled "Password". Below the input fields is a red button with the text "Login". Underneath the button is a link that says "Forgotten password?". At the bottom right corner of the white area, there is a small gear icon representing settings.

You can set users and user groups with the correct rights. The login is possible with password, pin code, and of course with rfid too. (For rfid login you need an rfid reader unit.)

HOW IT WORKS?



On the left side you can see the installed modules.

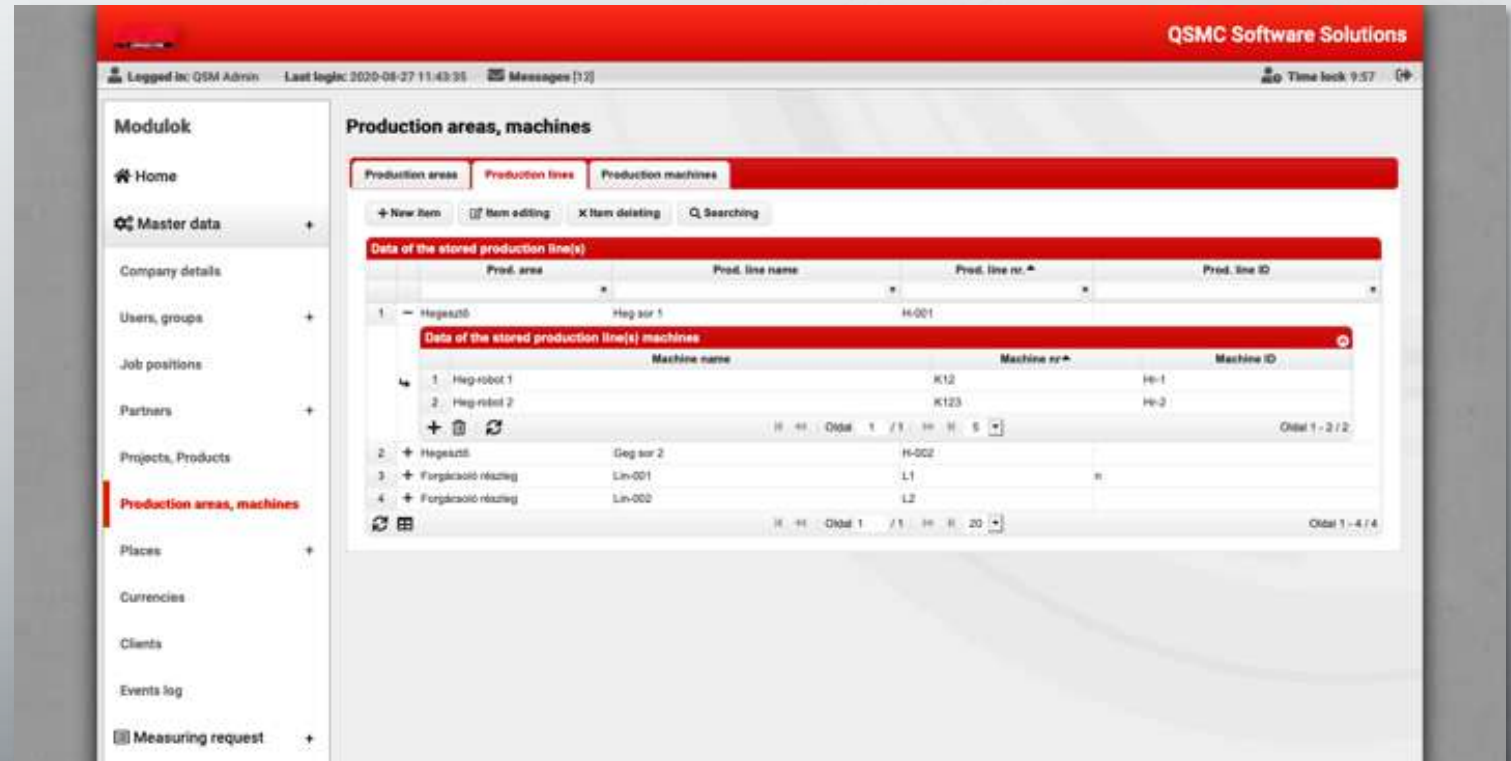
You don't need to buy all modules, just what you need. If necessary you can buy and install more modules later.

This is the framework's screen.

Customization

The entire factory, production lines, machines, measuring rooms, laboratories can be defined, you can bind them to each other easily.

If anything changes, upgrades or machine changes occur, it can be managed flexibly, without need to rewrite or modify the program. It is enough to provide the changes, and the system is up to date.



The screenshot displays the 'Production areas, machines' configuration page in the QSM Software Solutions web application. The interface includes a sidebar menu with options like 'Modulok', 'Home', 'Master data', and 'Production areas, machines'. The main content area shows a table of production lines and machines. The table is divided into two sections: 'Data of the stored production line(s)' and 'Data of the stored production line(s) machines'. The first section lists production lines with columns for 'Prod. area', 'Prod. line name', 'Prod. line nr.', and 'Prod. line ID'. The second section lists machines with columns for 'Machine name', 'Machine nr.', and 'Machine ID'. The interface also features a top navigation bar with the QSM logo and user information.

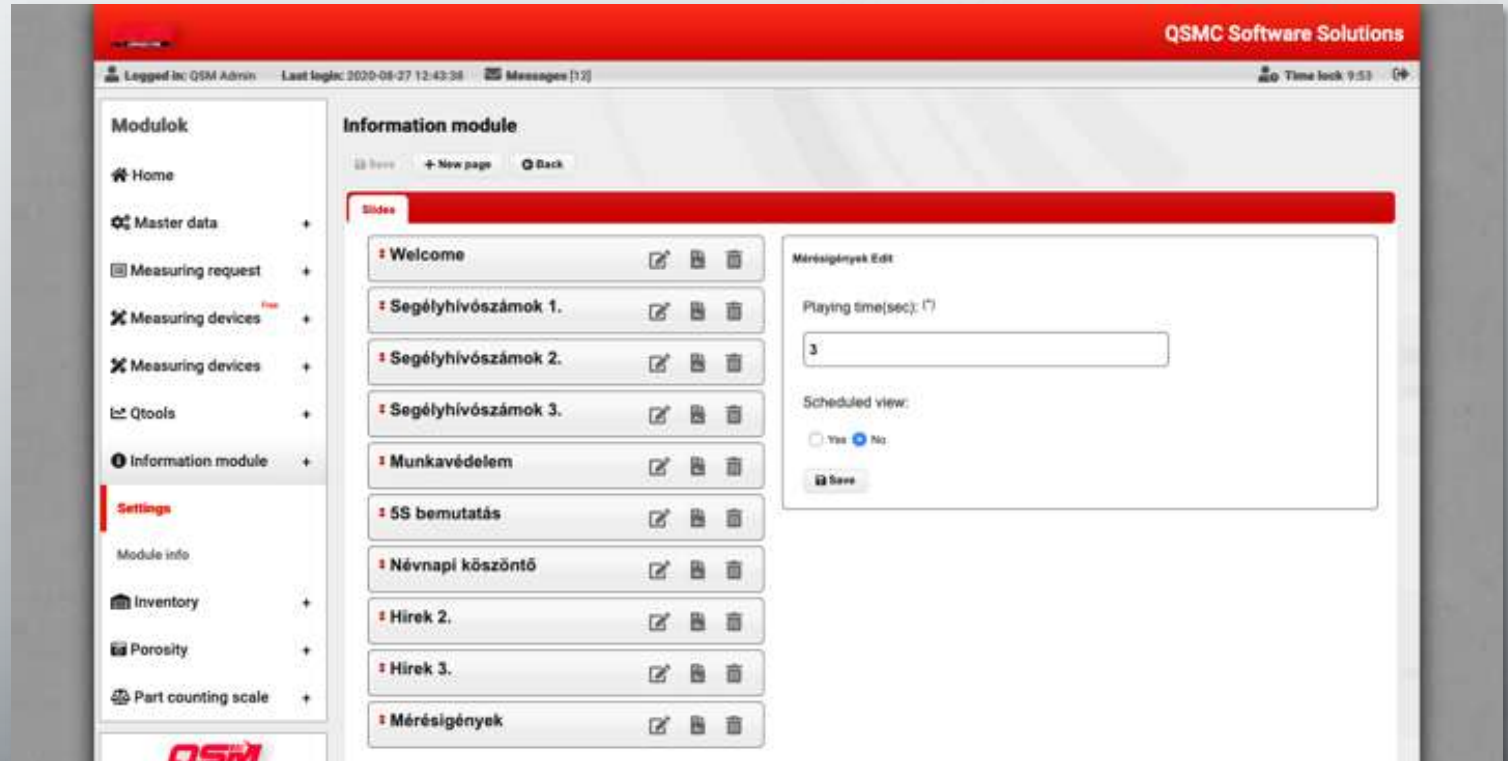
Prod. area	Prod. line name	Prod. line nr.	Prod. line ID
Hegesztő	Heg sor 1	H-001	

Machine name	Machine nr.	Machine ID
1 Heg-robot 1	K12	H-1
2 Heg-robot 2	K123	H-2
2 Hegesztő	Heg sor 2	H-002
3 Forgácsoló részleg	Lin-001	L1
4 Forgácsoló részleg	Lin-002	L2

ADVANTAGES OF THE PROGRAM

Available modules

- Measuring request module
- Measuring devices module
- Q-Tools module
- Information module
- Inventory module
- Porosity module
- Part counting module
- Data collection module



ADVANTAGES OF THE PROGRAM

Short module introduction

- **Measuring request module:** tracking request for metrology rooms and labs. Analyze the lead times, measurement times, and give feedback with result for the user who requested the task. No documents stored in the system. If enabled the system also send a message to the user via the company mailing system about changes in the status of measurement requests (completed, deleted, transferred to another area)
- **Measuring devices module:** Trace calibration, location, and all important data of measuring devices included in the system. The system can store documents in this module. (evidence of calibrations, invoices etc.).

Short module introduction

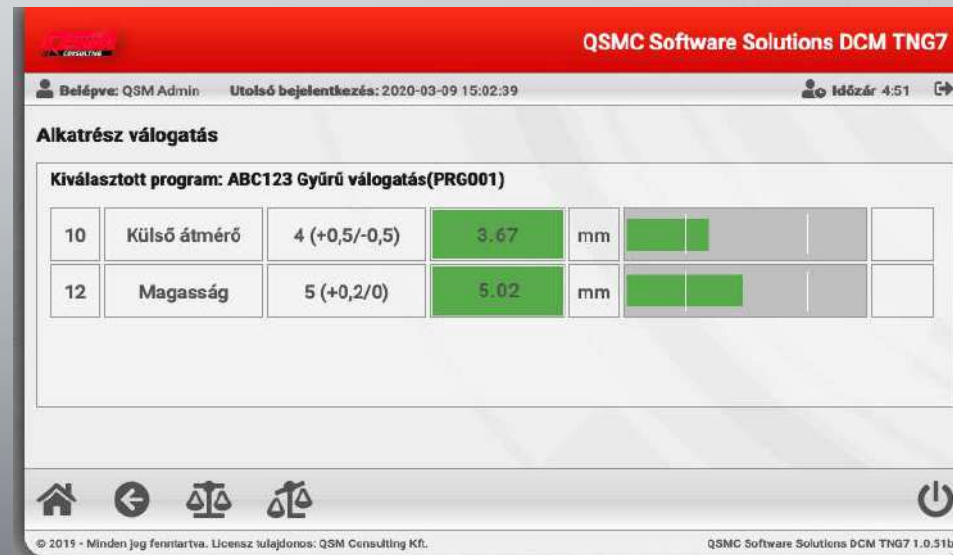
- **Q-Tools module:** support the understanding of statistics data. As well this module can create a database from the txt, csv, tabular outputs of the measuring machines.
- **Information module:** display relevant informations in slideshow. (claims, accidents, KPIs, weather, HR infos, news etc.) It's recommended to use on large screens in many areas of factory.
- **Inventory module:** inventory for metrology, maintenance etc. Min-Max inventory with levels, purchasing locations, and incoming, outgoing data. Created to optimize orders.

Short module introduction

- **Porosity module:** this is a metallographic module. A module for evaluating and recording the porosity (or perlite, graphite) ratio from the sections. Automatic evaluation on the uploaded image, which can be refined with a few simple settings.
- **Part counting module:** this module helps to define the number of storage boxes and the products in them. The program increases the knowledge of simple scales by DCM or barcode printing.

Short module introduction

- **Data collection module:** digital measurement data collection, min-max, average values and shape error evaluation. Prepared for handling inductive probes too. The measured data saved in database, you can evaluate the trends, and the capability results too.



QSMC Software Solutions DCM TNG7

Belépvre: QSM Admin | Utolsó bejelentkezés: 2020-03-09 15:02:39 | Időzár: 4:51

Alkatrész válogatás

Kiválasztott program: ABC123 Gyűrű válogatás(PRG001)

10	Külső átmérő	4 (+0,5/-0,5)	3.67	mm	<div style="width: 70%;"></div>		
12	Magasság	5 (+0,2/0)	5.02	mm	<div style="width: 80%;"></div>		

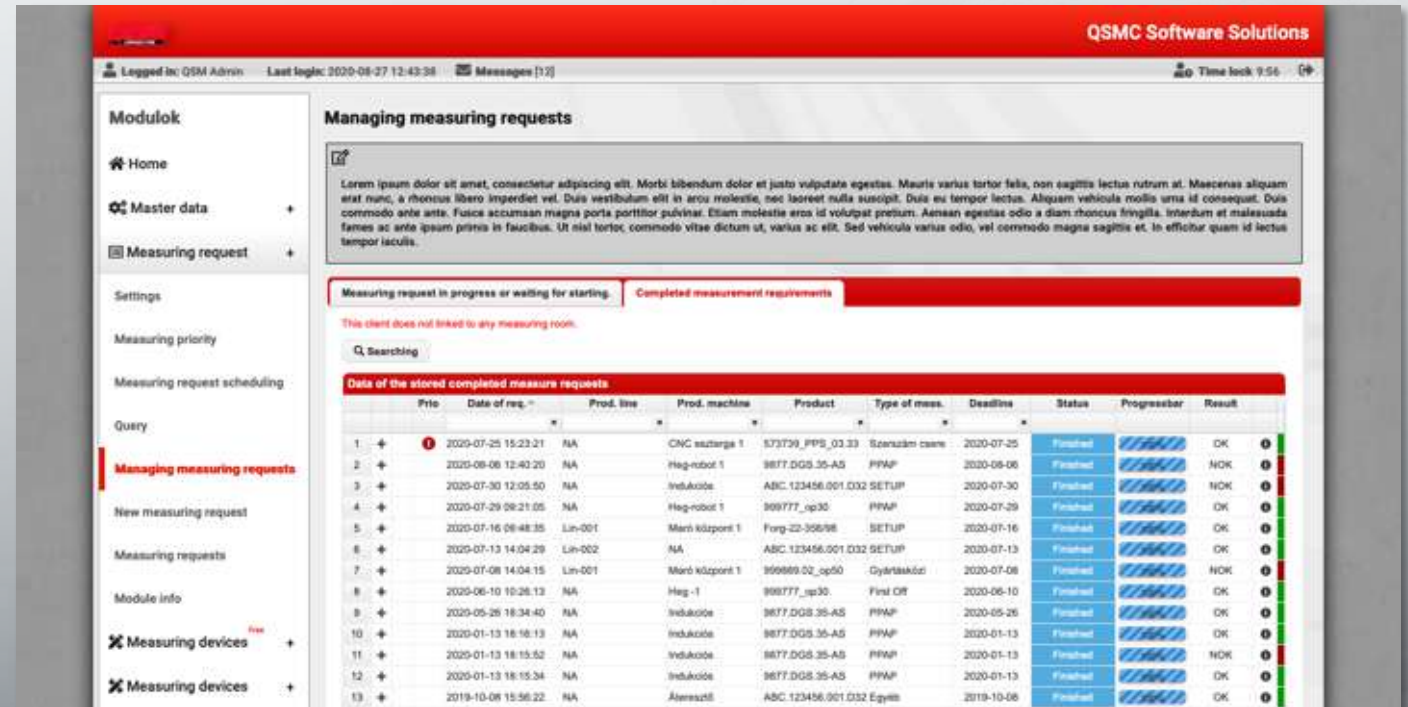
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ADVANTAGES OF THE PROGRAM

Planned developments

- Audit planning, management module
- Maintenance module
- Training, manufacturing support module
- Complaint management module
- System management module



The screenshot displays the 'Managing measuring requests' interface. It includes a sidebar with navigation options like 'Modulok', 'Home', 'Master data', and 'Measuring request'. The main content area shows a table of 'Data of the stored completed measure requests' with columns for ID, Date of req., Prod. line, Prod. machine, Product, Type of meas., Deadline, Status, Progressbar, and Result. The table lists 13 entries with various details such as dates, product lines, and machine types.

ID	Date of req.	Prod. line	Prod. machine	Product	Type of meas.	Deadline	Status	Progressbar	Result
1	2020-07-25 15:23:21	NA	CNC esztarga 1	873739_PPS_01.33	Szerelési csere	2020-07-25	Finished	<div style="width: 100%;"></div>	OK
2	2020-08-08 12:40:20	NA	Heg-robot 1	9877.DGS.35-AS	PPWP	2020-08-08	Finished	<div style="width: 100%;"></div>	NOK
3	2020-07-30 12:05:50	NA	Indukció	ABC.123456.001.032	SETUP	2020-07-30	Finished	<div style="width: 100%;"></div>	NOK
4	2020-07-29 09:21:05	NA	Heg-robot 1	989777_sp30	PPWP	2020-07-29	Finished	<div style="width: 100%;"></div>	OK
5	2020-07-16 08:48:35	Lin-001	Mérő központ 1	Forg-20-306/98	SETUP	2020-07-16	Finished	<div style="width: 100%;"></div>	OK
6	2020-07-13 14:04:29	Lin-002	NA	ABC.123456.001.032	SETUP	2020-07-13	Finished	<div style="width: 100%;"></div>	OK
7	2020-07-08 14:04:15	Lin-001	Mérő központ 1	950980_02_sp50	Gyártási kód	2020-07-08	Finished	<div style="width: 100%;"></div>	NOK
8	2020-06-10 10:26:13	NA	Heg-1	989777_sp30	First OP	2020-06-10	Finished	<div style="width: 100%;"></div>	OK
9	2020-05-28 18:34:40	NA	Indukció	9877.DGS.35-AS	PPWP	2020-05-28	Finished	<div style="width: 100%;"></div>	OK
10	2020-01-13 16:16:13	NA	Indukció	9877.DGS.35-AS	PPWP	2020-01-13	Finished	<div style="width: 100%;"></div>	OK
11	2020-01-13 18:15:52	NA	Indukció	9877.DGS.35-AS	PPWP	2020-01-13	Finished	<div style="width: 100%;"></div>	NOK
12	2020-01-13 18:15:34	NA	Indukció	9877.DGS.35-AS	PPWP	2020-01-13	Finished	<div style="width: 100%;"></div>	OK
13	2019-10-08 15:56:22	NA	Ábraszó	ABC.123456.001.032	Egyéb	2019-10-08	Finished	<div style="width: 100%;"></div>	OK

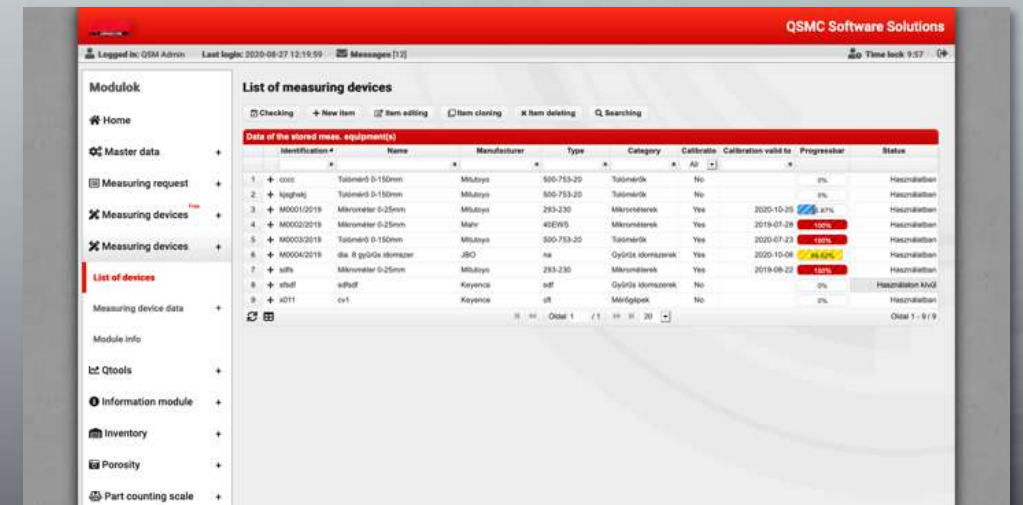
ADDITIONAL SOFTWARE MODULES

Operating conditions

There is no need to install anything on client machines, just need the browser. Client machines must be provided by the customer.

The software is installed on the customer's own server. It can be a server machine provided by the customer or a server which is ordered from us. Data safety and security are always the responsibility of the customer. To run the program, you need to run a web server, PHP and Postgres database server.

You can install and configure them in advance, but our colleagues are also can help you. Please discuss with our colleagues before you order to meet your requirements and server specifications!



The screenshot displays the 'List of measuring devices' page in the QSM Software Solutions web application. The interface includes a sidebar with navigation options like 'Modulok', 'Home', 'Master data', 'Measuring request', 'Measuring devices', and 'List of devices'. The main content area shows a table with columns for Identification, Name, Manufacturer, Type, Category, Calibrate, Calibration valid to, Progressbar, and Status. The table lists several devices with their respective details and progress bars.

Identification	Name	Manufacturer	Type	Category	Calibrate	Calibration valid to	Progressbar	Status
1	cccc	Taláner	500-753-20	Tárolék	No		0%	Használatban
2	kgphkj	Taláner	500-753-20	Tárolék	No		0%	Használatban
3	M00010019	Mikronator	293-230	Mikronmérők	Yes	2020-10-25	91%	Használatban
4	M00020019	Mikronator	40EW5	Mikronmérők	Yes	2019-07-28	100%	Használatban
5	M00030019	Taláner	500-753-20	Tárolék	Yes	2020-07-22	100%	Használatban
6	M00040019	dia 8 g/gOx	JBC	na	Yes	2020-10-04	100%	Használatban
7	stlh	Mikronator	293-230	Mikronmérők	Yes	2019-08-22	100%	Használatban
8	stuf	sPuff	Keyence	sP	Op/ta	None	0%	Használatban KÜZ
9	X011	cv1	Keyence	sP	Mérőfogók	None	0%	Használatban



OPERATING CONDITIONS



ARE YOU ALSO INTERESTED?

CHECK OUR DEMO PAGE:

<http://swdemo.qsmsoftwares.hu>

REFERENCES

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