

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

COMPANY PROFILE AND ACTIVITIES

CONTRORG Kft and SIL4S Kft (SIL for Safety) are working like a Holding Company with separate profile see below.

Our web pages is www.controrg.hu and www.sil4s.hu and E-mail address of Managing Director is bgs@controrg.hu

Herewith is a short overview first about Companies above and later on a detailed information about our references, main goals etc.

CONTRORG Ltd:

H-8200, Veszprém, Pajta u 14 P.O.Box 1297,
Phone : +36 88 424 075
Fax : +36 88 425 601
Web : www.controrg.hu
E-mail : info@controrg.hu

CONTRORG is working on the area of instrumentation and process control technique including the

Sensor technique

- PLCs
- Safety PLCs
- SCADA SW
- Process Safety
- Factory Safety

This activities is covering the

- Sales
- Maintenance
- After sale service
- Turn key projects

Application Research and development

 Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

CONTRORG has partners and we are the exclusive distributor for them in Hungary. These are:

- MTL (Measurement Technology Ltd, England), Ex and IS applications
- ENRAF (Holland) Tank gauging and inventory systems
- BEAMEX (Finland), Calibrators
- INOR (Sweden), Temperature transmitters and converters
- LAND INFRARED now acquired by AMETEK, infrared thermometers, thermal imagers
- BECKHOFF (Germany), Factory and Building Automation
- DETECTOR ELECTRONICS (US), fire and gas monitoring
- PROCESS SENSORS (US), NIR sensors for moisture, fat and protein measurement
- KSR-KÜEBLER (Germany), Level gauges, switches
- HIMA (Germany) Safety PLC for process and factory automation
- MOORE (England), Signal converters

Summary:

CONTRORG profile is the trading and after sales service, technical support, projects handling, design, maintenance service for the customers, system integrator, partner driven Solution Provider, technical IT application in the plants for the quality manager, maintenance manager and the plant manager.

In Komárom we have a 300 m² workshop and 16 m high 0.2 mm accuracy, W&M certified level gauge calibration station.

CONTRORG main works and contract partners are:

- MOL RT, Tisza Refinery
- MOL RT, Danube Refinery
- MOL RT, Zala Refinery
- MOL RT, MOL LUB
- MOL RT, Logistic (Hungarian oil network, Terminals)
- TVK, Petrochemical Company
- Borsodcehm Co.
- Huntsman Co
- GE Hungary Consumer Products
- Richter Gedeon RT, Pharmaceutical Factory
- Honeywell, Cooperation partner in the field of small DCS solutions, advance process control solution and safety service

 CONTRORG KFT <i>Process, Factory & Building Automation</i> Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

- Fisher-Rosemount, Cooperation partner in the field of DCS solutions and safety service
- Yokogawa, Cooperation partner in the field of DCS solutions and safety service

Our detailed scope of supply in the field of the instrumentation covers:

- Selling products of our partners
- After sales service of our partners products
- Taking part of the new plant building of our partner in the design, piping and wiring works, installation, commissioning and maintenance
- Supply turn key project (analyzer houses etc.)
- Calibration service for pressure, temperature, high accuracy level measurement, radar applications
- Maintenance contract for complete plant like a refinery
- Stocking system for partners
- Supplying small technological units in close co-operation with Pannon University

Our maintenance contract does include the followings:

- Daily maintenance works
- Periodic maintenance work according preventive methods and schedules
- Case by case trouble shouting
- Stocking of the spare instruments and spare parts what is decided together with our partners
- Taking part in the new investment (piping, wiring, installation, commissioning = turnkey solution and service)

References:

Enraf level gauges and inventory systems:

Accurate level measuring and inventory of appr. 800 storage tank installed at the following companies:

- MOL Co. refineries
- MOL Co. Logistic basic storage tankyards
- Dunatár Fuel Storage Ltd Budapest
- Petrotár Fuel Storage Ltd Pétfürdő
- Strategic fuel storage tank of NATO
- Budapest Ferihegy Airport
- Primagas
- Spirit Distillation Factory Győr

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

- Rossi Biofuel Plant Komárom

Land Infrared:

Infrared thermometers for glass plants at the following companies

- GE Hungary Co.
- Lighttech Ltd
- Guardian Orosháza Ltd
- AGC Automotive Hungary Co.
- R Glass Ltd Salgótarján

Steel works applications

- Dunaferri Danube Iron Co. hot rolling mills (Dunaújváros, Budapest)
- Dunaferri Danube Iron Co. BOF Plant SDS system
- Ózd Steel Works Ltd
- Wescast Hungária Co.

Other applications:

- GE Hungary Co. autolamp production
- ALCOA Wheel Product Europe Ltd
- MOL Co. and TVK Co. portables for furnaces tubes
- Sanofi Chinoïn Co., Opel Powertrain Co. and University of Győr thermal imagers
- EGUT Co. roadstone systems

Land Combustion and Environmental:

Genesis oxygen systems for the following companies:

- Budapest District Heating Co.
- Vértes Power Plant Co.
- Tatabánya Power Plant Ltd.
- MOL Co. Zala Refinery

Model 9100 CO monitors for the following companies

- Budapest District Heating Co.
- AES Tisza II Power Plant

Others (FGA and Lancom):

- Budapest District Heating Co.
- Pannon Power Plant Ltd
- MOL Co. Gas Transportation Branch

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

MTL safety barriers and isolators for the following companies:

- MOL Co. different branches (more than 30,000 pcs)
- GE OS European Cabinet COE (more than 10,000 pcs)
- Honeywell Hungary Ltd
- Huntsman Co.
- Beckhoff factory automation products for:
- Robert Bosch Hungary
- MSK Hungary
- VÁV Union Ltd
- Bridgestone Tatabánya Manufacturing Ltd
- Suzuki Hungary
- EPCOS Ltd
- Etc.

KSR-KÜEBLER level gauges:

- MOL Co.
- G. Richter Co.
- Alcoa Hungary Ltd.

Complete projects:

- Complete refurbishment of Lube Oil Blending Plant control system at MOL-LUB by Beckhoff automation element
- G. Richter Pharmaceutical Plant exhaust gas conditioning system
- MOL Logistic Komárom Tankyard pump area fire safety system
- MOL Logistic Komárom Tankyard leakage detection system

Others:

- NITROKÉMIA Co. VALMET DCS application
- NICOLOR Co. HONEYWELL DCS application
- NITROGÉMŰVEK Co. VALMET DCS application
- Huntsman Co. MTL – H&B system integration
- MOL Co. Tisza refinery, HIMA safety system integrated into F-R RS3 DCS
- TVK Ethylene Plant HIMA safety system integrated into ABB MOD 300
- TVK HIMA 2000 channels safety system integrated into Yokogawa DCS
- MOL Co. Danube Refinery 1960-channel HIMA ESD system integrated with Emerson DeltaV DCS
- Temperature control system for 3 heat treatment furnaces of Philips Hungary

 Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

SIL4S Kft (SIL for Safety)

H-8200 Veszprém, Baláca u 54.

Phone : +36 88 400 344

Fax : +36 88 400 345

SIL4S Kft. was founded in 2004 and 100% owned by CONTRORG Kft. to give technical assistance, service consultancy in the Process Industry and the Factory Automation in the area of Safety detailed as follows. Our activities are based on IEC 61508 and IEC 61511 standards according to Overall Safety Life Cycle. A Figure on the 3rd page shows the Overall Safety Life cycle based on IEC 61508.

Our goals are:

- Educating the people what Safety means
- Educating the people why Safety Issues is necessary
- Changing the people's mind make them thinking more Safety
- Positioning the Safety as number one issue in Europe and in Hungary
- Saving human's life in Factories
- Saving human's life of Public
- Saving environment of Public
- Saving the Business
- Increasing the level of Safety Culture in Hungary which is question mark at that moment
- Increasing the level of Safety Culture in surrounding countries

We have our Safety Manual how to build up an ESD system but now we are working also in close co-operation with TÜV certifying our activity and scope of supply having Functional Safety Management System Certificates.

To improve our activity we are working on our "Safety Bible" advised by TÜV, Cologne to build Functional Safety Management System which will cover all the life cycle of the Plants according IEC 61508 and IEC 61511.

We developed our Hazard and Risk Analysis and SIF's SIL calculation program: **Tool4S (Tool for SIL)**

Techniques and studies:

- Preliminary Hazards Analysis (PHA)
- HAZOP Study of dangerous process
- HAZOP Study of big machines & equipments (compressors, turbines, burners etc.)
- "What if" studies
- Fault Tree analysis
- Failure Modes and Effects Analysis (FMEA)
- LOPA analysis

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

- Markov analysis
- Preparing study connecting to Ex and Safety Systems based on ATEX, IEC 61508 and IEC 61511 Standards
- Hazard Analysis & Critical Control Points (HACCP)

Safety Standards

- Safety Function requirement specification
- Safety Integrity requirement specification
- Safety Function and Integrity allocation
- SIL calculation of SIS loops and system
- Preparing Company Safety Manuals
- Basic Engineering for ESD system
- Validation of ESD system
- Management of Change (MOC) descriptions
- **Assessment, supervision and verification**
- Supervision and evaluating of existing ESD systems and SIL classification based on IEC 61508 and IEC 61511 standards
- Job Safety analysis

Ex Standards

- Explosion protection documentation based on ATEX 137A
- Ex Classification of explosive Plant according ATEX 100

Training, education

- Training about IEC 61508
- Training about IEC 61511
- Training about ATEX 137A
- Education and post graduate education of Ex and safety systems based on ATEX, IEC 61508 and IEC 61511 standards for Plant operators, Instruments and mechanical maintenances people and Plant Management
- Process Safety Engineer, Post graduate education course at University of Veszprém (see our www.sil4s.hu web site)

Safety in General

Company Safety Manual

References for Safety PLC applications with HIMA safety PLC (www.hima.de)

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

- MOL Rt., Danube Refinery, GOK-3 Plant, 2000 IOs system, 11 pcs 800*800*2100 Cabinets
- MOL Rt., Danube Refinery, Hydrogen I. Plant, 450 IOs system, 4 pcs 800*800*2100 Cabinets
- MOL Rt., Danube Refinery, Hydrogen II. Plant, 450 IOs system, 4 pcs 800*800*2100 Cabinets
- MOL Rt., Danube Refinery, FCC Plant, , 170 IOs system, 1 pcs 800*800*2100 Cabinets
- MOL Rt., Tisza Refinery, Combine Plant, 270 IOs system, 2 pcs 800*800*2100 Cabinets, PLANAR system
- Tiszai Vegyi Kombinát (TVK Rt.), Tiszaújváros, Ethylene I Plant in two step, 2300 IOs system, 13 pcs 800*800*2100 Cabinets
- Tiszai Vegyi Kombinát (TVK Rt.), Tiszaújváros, Ethylene II Plant, 2100 IOs system, 15 pcs 800*800*2100 Cabinets
- HUNTSMAN Rt., Pétfürdő, 270 IOs Systems (2 pcs), 2 pcs 800*800*2100 Cabinets
- Messer Hungária Rt., Pétfürdő, HUNTSMAN Rt., Hydrogen Plant, 135 IOs system, 1 pcs 800*800*2100 Cabinets
- MESSER Hungária Rt., Tiszaújváros, TVK Rt., Gas Plant, 176 IOs System, 1 pcs 800*800*2100 Cabinet
- LINDE Hungária Rt., Kazincbarcika, BORSODCHEM (BC Rt.), Gas Plant, 230 IOs System, 2 pcs 800*800*2100 Cabinets
- Kelenföld Power Station Rt., Burner Management System, Budapest 250 IOs System, 1 pc 800*800*2100 Cabinet
- Csepel Power Station Rt., Burner Management System, Budapest 230 IOs System, 2 pcs 800*800*2100 Cabinets
- Debrecen Power Station Rt., Debrecen 210 IOs System, 1 pcs 800*800*2100 Cabinet

References for HAZOP study and SIL classification, verification and validation:

MOL Reineries, started November of 2005 and ended June of November of 2007:

ATEX 137 Explosion Protection Documentation

- MOL NyRT, Logistic, 10 Terminals and 1500 km Pipe network
- MOL NyRT, Refinery, 48 Refinery Plants

Application of Process Safety Standards (IEC 61508, IEC 61511), HAZOP study, SIL evaluation

- MOL NyRT, Logistic, 1500 km Pipe network HAZOP Study and SIL classification
- MOL NyRT, Danube Refinery, 48 Refinery Plant, HAZOP Study and SIL classification
- MOL NyRT, Tisza Refinery, 4 Refinery Plant, HAZOP Study and SIL classification

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

- MOL NyRT, Zala Refinery, 4 Refinery Plant, HAZOP Study and SIL classification
- MOL NyRT, Slovnaft (Bratislava) Refinery, 38 Refinery Plant, HAZOP Study and SIL classification
- Budapest Power Stations, 10 Natural Gas Boilers, HAZOP Study and SIL classification
- TVK, Tiszaújváros, Ethylen plant, Furnace, HAZOP Study and SIL classification

MOL NyRt, Refineries in details

- Hazard and Risk analysis
- Hazard and Risk assessment
- Evaluating the Hazard and Risk with LOPA, based on MOL Safety Policy matrix
- Decision and evaluation of SIF
- Calculation of the SIL value of the SIFs
- Pre-validation of the SIL value of the SIFs

Abbreviation	Name of the Plants
DAV1	Atmospheric and vacuum distillation 1
DAV2	Atmospheric and vacuum distillation 2
DPEM	Aromatics feed re-distillation
DKGU	Central gas processing unit
DKOT	Crude oil storage
DFOT	Fuel oil storage
DPBT	PB blending and storage
DAV3	Atmospheric and vacuum distillation 3
DBFR	Naphtha redistillation unit
DGFR	Gas fractionating unit
DPBK	PB desulphurization unit
DKBI	Light naphtha isomerisation
DGK1	Gasoil Hydro treating 1
DBK2	Naphtha Hydro treating 2
DBK3	Naphtha Hydro treating 3
DRF3	Naphtha Reforming 3
DBK4	Naphtha Hydro treating 4
DRF4	CCR Reforming 4
DRFH	Reformat Hydro treating
DFHU	Central flare unit
DPHU	Kerozene hydrotreating unit
DHGY	Hydrogen Production 1
DHG2	Hydrogen Production 2
DAR1	Aromatics extraction 1
DAR2	Aromatics extraction 2
DARO	Ortho-xylene unit
DXIL	Xylene isomerization/ortho-xylene 2
DASB	Special naphtha feed redistillation
DGF1	Steam/BFW 1
DGF2	Steam/BFW 2
DGF3	Steam/BFW 3
DMSA	Maleic acid anhydride unit
DFCC	FCC
DBK5	Naphtha hydro treating 5 and etherification
DMTB	ETBE unit
DHFA	HF alkylation unit
Abbreviation	Name of the Plants
DBTK	Gasoline blending and storage
DHDS	HDS-MIC (FCC pretreater)
DCL4	Sulphur recovery 4
	Sulphur recovery 6
DRC2	Cooling water 2 and makeup water
DRC4	Cooling water 4

Abbreviation	Name of the Plants
DGK3	Gas oil hydro treating 3
DFGK	Gas oil blending and storage
DPAM	Propane deasphalting
DOKF	Lube oil refining
DBAV	Cooling water 3
DRC1	Cooling water 1
DMK1	Solvent dewaxing 1
DMK2	Solvent dewaxing 2
DMKO	Microcrystalline wax deoiling
DPMH	Solvent dewaxing
DKOH	Lube oil hydro finishing
DGPR	Slack wax/petrolate redistillation
DMIH	Micro paraffin hydrogenation unit
DMPH	Macro paraffin hydrogenation unit
DKOF	Micro paraffin contact unit
DKOK	Lube oil blending
DPGY	Paraffin manufacturing unit
DCL3	Sulphur recovery 3
DCL5	Sulphur recovery 5
DBIT	Bitumen blending / loading unit
DBIF	Bitumen blowing unit
DDCU	Delayed cooker unit
TGKM	TR Gas oil Hydrotreater
TMTB	TR MTBE
TCLA	TR Sulphur Recovery
TBEK	TR Storage and Gasoline Blending
	ZR Bitumen units
	ZR Storage

Slovnaft Refineries, started October of 2006 and ended November of 2008:

- Furnace HAZOP Template
- Corporate Safety Quality Assurance Manual

In Slovnaft Refineries started a project in 2007 covering the supervision of all plant focusing in the firing furnace and covering the technologic part also. This work consists on:

- Hazard and Risk analysis
- Hazard and Risk assessment
- Evaluating the Hazard and Risk with LOPA, based on MOL Safety Policy matrix
- Decision and evaluation of SIF
- Calculation of the SIL value of the SIFs
- Pre-validation of the SIL value of the SIFs

Slovnaft works in details:

Abbreviation	Plant name
AD 5	Crude Oil Distillation No.5
Asfalty	Asphalts production and expedition
RHC	Residual Hydrocracker - LC Finer
VGH	VGO Hydrotreater (FCC Feed Pretre.)
HPP	Hydrogen Unit No.2
VV KHK	Hydrogen Unit of VGO Hydrocracker
VD KHK	Vacuum Distillation of VGO HC
ŠJ KHK	Cracking unit of VGO Hydrocracker
FCC	FCC Unit - Fluid catalytic cracking
SHU	Selective Hydrotreating Unit of C4 fr.
MTBE	MTBE Unit
ALK	Alkylation
SRU 100	Sulphur Recovery Unit No.1
SRU 200	Sulphur Recovery Unit No.2
AAR	DEA regeneration Unit
SWS	Sour water stripping Unit
SAR	Sulphuric acid regeneration Unit
OP1	Gas Desulphurisation Unit No.1
OP2	Gas Desulphurisation Unit No.2
DBP1	Gas recovery Unit No.1
DBP2	Gas recovery Unit No.2
OKP	Liquid gases desulphurization
CCR 5	CCR -Naphta Reformer No.5
HRR 4	Naphta Hydrotreater for CCR
Izo l'bi	C5/C6 Isomerization (PENEX)
EA	Aromatics Extraction Unit
Exp.Aromátov	Aromatics Expedition Unit
Red.Ref.	Reformate Splitter
HRP7	Middle distillates HDS No.7
HRP2	BTX Distillates HDS No.2
HRP6	Middle DistillatesHDS No.6
TEPL	Power Plant
ÚKV	Air Supply
MCHBČOV	Mech. Chem.Biologic. WWTU
Čistička bl.50	Waste Water Treatment Unit bl.50
EO	Ethylene Oxide
KF	Cumene Phenol
KU	Cumene
SKP1	Liquified Gases Storage 1
SKP2	Liquified Gases Storage 2
SPCHV	Storage of Petrochemicals Products

 <p>Phone: +36 88 425 601 E-mail: info@controrg.hu Fax: +36 88 425 601 Web: www.controrg.hu</p>		SIL4S Tanúsító és Tanácsadó Kft.	
		H-8200 Veszprém, Baláca út 54.	
		Phone:	+36 88 400 344
		Fax:	+36 88 400 345
		Web:	www.sil4s.hu
E-mail:	bgs@sil4s.hu		

Abbreviation	Plant name
SEE	Ethylene downloading unit
Po'né horáky	Flares
Rekompressná stanica	Recompression station

HUNGRANA RT, Szabadegyháza

- Three boiler HAZOP study, SIL Classification, SRS

FŐTÁV RT, Budapest

- Five boiler HAZOP study, SIL Classification, SRS

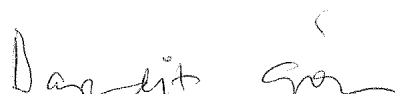
In case of interest please contact us at bgs@controrg.hu e-mail address or +36 209 424 126 phone and visit our www.sil4s.hu web site also.

Our turnover for 2006 and 2007 was 3.5 mEUR/year in average.

Our Bank is GE Capital, Budapest Bank.

You can feel free contact any of our partners in England, Germany, Finland or US.

Best Regards,



.....
B A R A D I T S György

Managing Director

Functional Safety Engineer

0118/05. id

FANOX, HIMA, ICONICS, REBIS, PANALARM