



PT. MULTI KARYA OTOMASI

AUTOMATION SOLUTION - www.ptmko.com

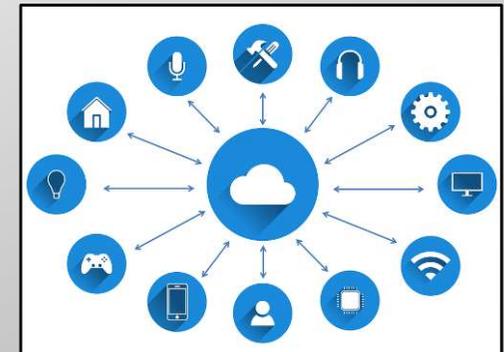
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Komp. Parahyangan Gallery Block C1 No. 1, Jelegong, Kec.Kutawaringin, Kab.Bandung 40911

COMPANY PROFILE

- ❑ **SCADA - HMI**
- ❑ **PLC Programing**
- ❑ **Mechanical Electrical**
- ❑ **IOT**





INTRODUCING

PT. MULTI KARYA OTOMASI IS A NEW COMPANY THAT WAS ESTABLISHED ON APRIL 28, 2021, AND IS AN UPSCALE COMPANY FROM CV.MULTI KARYA OTOMASI.

CV.MULTI KARYA OTOMASI WAS ESTABLISHED ON MAY 27, 2016 AS A MEANS OF CERTIFIED PROFESSIONALS TO DEVELOPE THEIR VALUABLE SKILLS IN ENGINEERING, PROCUREMENT AND CONSTRUCTION.

RAPID GROWTH OF NATIONAL INDUSTRIES REQUIRES SUPPORT IN DESIGN, MAINTENANCE, REPAIR, INSTALLATION, OVERHAUL. WE WILL TRY TO CATCH AS A MUTUAL BUSINESS OPPORTUNITIES.

OUR COMMITMENT TO BE A RELIABLE PARTNER OF NATIONAL INDUSTRIES RELATED TO ELECTRICAL, AUTOMATION, MECHANICAL, INSTRUMENTATION & CONTROL, SECURITY AND IT DEVELOPMENT.



COMPANY LEGALITY

DIREKTUR : **DANI WARDANI**
WAKIL DIREKTUR : **ANDRIYANTO**
KOMISARIS : **SUMARYONO**

Office :

Jl.Tani Mulya
Kp.Cijerah RT007/004
Desa Tani Mulya Kec.Ngamprah,
Phone (022)54432572 Kab.Bandung Barat – Jawa Barat

Workshop :

Komp. Parahyangan Gallery
Block C1 No.1 Jelegong Kec. Kutawaringin Kab. Bandung

Notaris : YOLA S FADILAH, SH. Sp.N
SK MENTRI KEHAKIMAN & HAM RI
No. C-281.HT.03.01.Th.2004 Tgl 04 OKTOBER 2004

SUDAH TERDAFTAR NIB dan PKP



COMPETENCE

ELECTRICAL :

- TRANSFORMATOR 2KV / 20KV / 150KV
- TRANSMISSION/INSTALLATION 400V / 2KV / 20KV / 150KV

AUTOMATION :

- SCADA/DCS
- PLC PROGRAMMING
- MICROCONTROLLER
- ROBOTIC

POWERPLANT :

- PLTU, PLTD, PLTDG, PLTP, PLTA, PLTBM, PLTMH
- STEAM TURBINE, GAS TURBINE, STEAM ENGINE, GAS ENGINE, STIRLING ENGINE, RENEWABLE ENERGY (SOLAR PANEL, WIND TURBINE AND REFUSED DERIVED FUEL)

INDUSTRIAL :

- FARMATION
- AEROSPACE
- AUTOMOTIVE
- TEXTILE AND GARMENT
- FOOD AND BEVERAGE

IT DEVELOPMENT :

- SOFTWARE DEVELOPMENT (DESKTOP BASE, WEB BASE, ANDROID)
- IOT



PROJECT

Projects	Company	Description
SCADA	PT. PEL /Pelindo 3 Benoa Bali	Monitoring LNG Terminal
	PT. Dahana Subang	Monitoring Nitrogliserine Factory
	PT. Energasindo Jambi	Monitoring Gas Metering
	PT. PLN - Semarang	Monitoring Substation – Udiklat
POWERPLANT	PT. PGE - Medan	PLTP 2 MW Sibayak Overhaul Steam Turbine, Gearbox & Generator
	PT. PLN - Aceh	PLTU 15 MW Nagan Raya
	PT. Indonesia Power Denpasar - Bali	PLTDG 200 MW Pesanggaran Monitoring LNG to Gas Engine
	PTPN 5 Riau	PLTU 500 kW – (PKS Sei Garo, PKS Sei Galuh, PKS Tandun, PKS Lubuk Dalam) Maintenance
	PT Cocomas Indragiri Hilir - Riau	PLTU 15 MW ISK Installation Steam Turbine
	PT Socimas - Medan	PLTG 5 MW - Gas Turbine PLC Programming



PROJECT

Projects	Company	Description
Retrofit DEHC dan Control valve	INDONESIA POWER	PLTP DARAJAT 1X 60MW
		PLTP GUNUNG SALAK #1 1 X 60MW
		PLTP GUNUNG SALAK #2 1 X 60MW
		PLTP GUNUNG SALAK #3 1 X 60MW
	PT PERTAMINA	RU V BALIKPAPAN GAS TURBIN 1 to 5
Automation PLC Programming	Granito Ceramics Cikarang	PLC control for Weighting Indicator
	PT. Multiprima Sejahtera - Bogor	PLC control for CT M Machine of Champion Spark Plug
	PT. SKF - Pulogadung	PLC control for Fokayoke machine
	PT. Seiwa Indonesia Cikarang	PLC control for for Banbury Weighing Conveyor System
	PT. Indorama Purwakarta	PLC control for for Spinning Machine Toyoda Spin Yarn



PROJECT

Projects	Company	Description
Palm Oil	PKS Sei Garo	Factory Assessment to achieve maximum CPO production & minimal operational cost
	PKS Sei Galuh	Factory Assessment to achieve maximum CPO production & minimal operational cost
	PKS Tandun	Factory Assessment to achieve maximum CPO production & minimal operational cost
	PKS Lubuk Dalam	Factory Assessment to achieve maximum CPO production & minimal operational cost
Fiber Optic	PT PEL /Pelindo 3 Benoa - Bali	SCADA data traffic at Benoa LNG Terminal
	PT Indonesia Power Denpasar - Bali	SCADA data traffic for system integration to Benoa LNG Terminal
	PT Yokogawa Denpasar - Bali	Data traffic from metering station to Benoa LNG Terminal



PROJECT

Projects	Company	Description
Security System	Mabes Polri Trunojoyo - Jakarta	Road blocker, CCTV and Access Control
	Gedung Sate Bandung Kantor Gubernur	Access Control, CCTV
	Residential	Spread in many locations
MINI PLANT	PT MITRAPAK ERAMANDIRI (UNILEVER GROUP)	Tank station 5000L,2000L,1000L, programming and instrument one whole factory
RETROFIT	PT INDONESIA POWER	Retrofit, setup, programming and commissioning GAS COMPRESSOR 2 X 400KW IP PESANGGARAN BALI



PROJECT

Projects	Company	Description
Software Development	Kemdikbud - Jakarta	Software SIPINTAR
		Customize Parking Software
		Unix/Linux/Windows base Application development
		Database Development (Oracle, SQL Server, Postgresql, Mysql)
Others	PT. PINDAD Bandung	IP PBX for office
	Hotel Kumala Bandung	MATV central television for rooms
	Solar Cell	Solar Cell for road lighting and residence
	Automatic Gate	Automation for office door or residence gate (sliding gate, swing gate, overhead gate, herderson gate, folding gate)



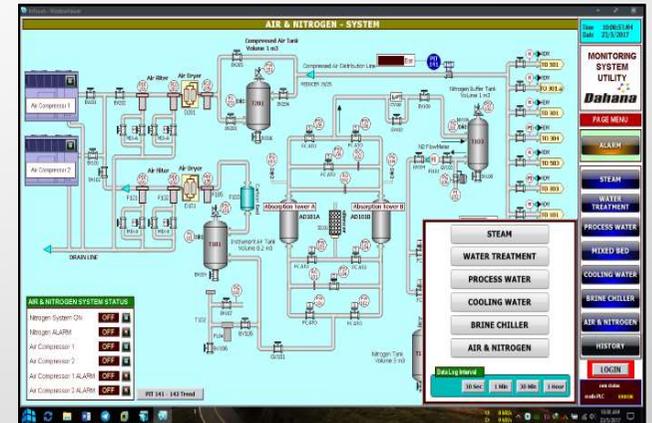
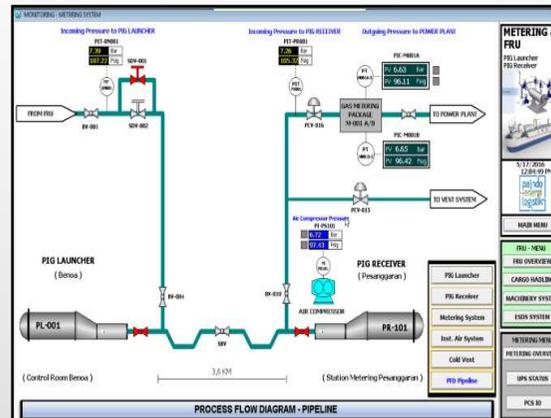
PROJECT

Projects	Company	Description
SCADA	PT. INDONESIA POWER	SCADA Wonderware Fuel Gas Compressor
PANEL	PT. PAPANDAYAN COCOA INDUSTRIES	Panel Control BB5 Refiner
	PT. PERTAMINA RU 3 Plaju	Panel Control Valve ROTORK
	PT. AMANDA	Panel LVMDP
ELECTRICAL	PT. UTC (gedebage)	Electrical Instalation Chiller, Temperature & RH
	PT. KSI (Kawasan Pupuk Kujang)	Control Box Dryer PID Control
DATALOGER	PT. PAPANDAYAN COCOA INDUSTRIES	Data Logger Refiner & Grinder

PROJECT EXPERIENCE

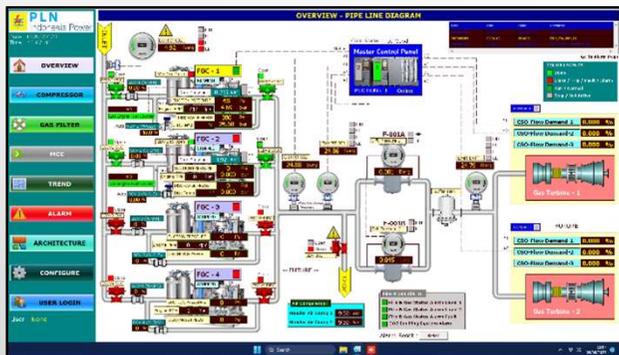
SCADA

1. SCADA CONTROLLING MONITORING UTILITIES SUPPORT FOR NITROGISERINE BOMB FACTORY MILITARY PT.DAHANA
2. SCADA CONTROLLING MONITORING LNG TERMINAL BENOA BALI AND MONITORING GAS METERING FOR PLTDG PESANGGARAN BALI (INDONESIA POWER)
3. SCADA CONTROLLING MONITORING LNG TERMINAL BENOA BALI AND MONITORING GAS METERING FOR PLTDG PESANGGARAN BALI (INDONESIA POWER)



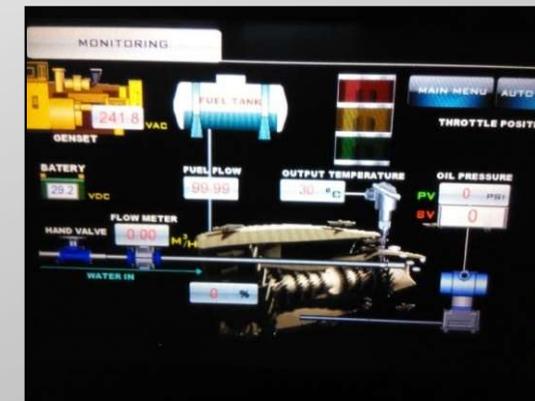
SCADA

1. SCADA CONTROLLING MONITORING FGC (FUEL GAS COMPRESSOR) – INDONESIA POWER PESANGGARAN BALI



AEROSPACE

1. RETROFIT ELECTRICAL, INSTRUMENT, LIGHTING, SOUND, AVOD, PROGRAMMING SQUENCER AND NARROW BODY AT GARUDA INDONESIA TRAINING SYSTEM (GITC)
2. MODIFIED FIGHTER PLANE AIRCRAFT TURBINE ENGINE F5 TO FATE II EVAPORATOR AT WASTE MANAGEMEN INDONESIA (WMI)
3. INSTALATION, TERMINATION, PROGRAMMING PLC AND SCADA SYSTEM ELECTRO PLATING AND HARD ANODIZING AT BOSS AERO SYSTEM, BHD PENANG MALAYSIA





PROJECT EXPERIENCE

POWER PLANT

1. RETROFIT ELECTRICAL, INSTRUMENT, DIGITAL ELECTRONIC HYDROLIC CONTROL, TURBIN SUPERVISORY INSTRUMENT, ASSYNCRRONOUS PANEL, TEST/COMMISIONING 60MW at PLTP GUNUNG SALAK 1, 2, 3 and PLTP DARAJAT (INDONESIA POWER)
2. RETROFIT ELECTRICAL, INSTRUMENT, MAIN PLC AND SCADA SYSTEM, TEST/COMMISIONING GAS COMPRESSOR 2 X 450KW at PLTDG PESANGGARAN BALI (INDONESIA POWER)
3. INSTALATION, TERMINATION, PROGRAMMING PLC AND TEST/COMMISIONING TURBIN 2MW at PLTP SIBAYAK (PGE)
4. RETROFIT ELECTRICAL, INSTRUMENT, DIGITAL ELECTRONIC HYDROLIC CONTROL, TURBIN SUPERVISORY INSTRUMENT, GAS TURBIN 1,2,3,4 AND 5 at PERTAMINA RU V BALIKPAPAN



INDUSTRIAL

1. BATCHING PLANT CONTROL
2. ELECTRO PLATING
3. FARMASI MACHINE, FLUID BED GRANULATION
4. MIXER CONTROL, MITRAPAK
5. FILLING MACHINE



INDUSTRIAL

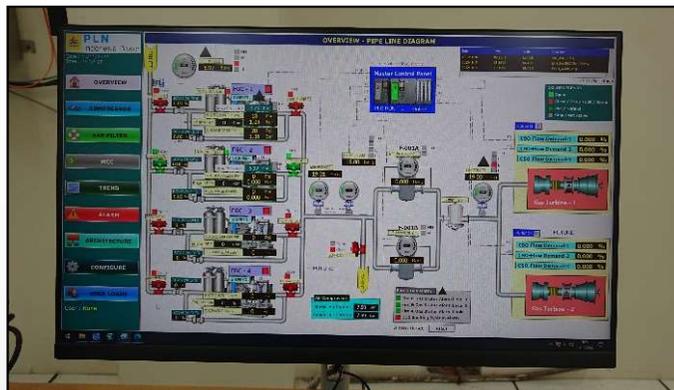
1. MOVING DEVICE
2. AUTO THICKNESS MACHINE
3. BLOW AND SUCK MACHINE
4. MICROPIPET AUTO FILLING MACHINE



PROJECT EXPERIENCE

INDUSTRIAL

1. SCADA WONDERWARE FGC
2. PANEL BB5





PROJECT EXPERIENCE

INDUSTRIAL

1. PANEL LVMDP
2. PANEL CONTROL VALVE
3. Control Box Dryer

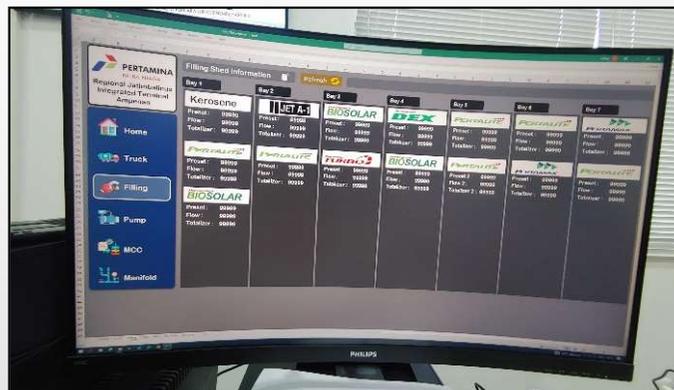




PROJECT EXPERIENCE

PERTAMINA - TBBM Ampenan Lombok

1. SCADA TBBM
2. Gate Barrier & RF ID System





SUPPORT PRODUCT

SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) AND
DCS (DISTRIBUTED CONTROL SYSTEM)
WONDERWARE, WINCC, SYMPHONY PLUS, PCS7 SIEMENS, CITECT, FOXBORO





THANK YOU

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