NTU | NEW TECHNOLOGY UNION LLC

COMPANY PROFILE 2026

Process Engineering & Industrial Solutions

From technology selection
to reliable operation



Illustrative operating environment

ntu.mn

Global technology for Mongolian industry

New Technology Union LLC connects industrial operating requirements with international technology and engineering support.

Equipment

Standard and customized industrial equipment selected for the application and operating conditions.

Solutions

Integrated technology, modular systems, project coordination and support throughout operation.

Sales, project coordination and service support are coordinated from Ulaanbaatar.

Industries we support



Illustrative operating environment

Food & Beverage

Hygienic processing, separation and thermal treatment.



Mining & Mineral Processing

Material handling, filtration, separation and mechanical drives.



Water & Process Utilities

Pumping, dosing, flow control and measurement.

Industrial Automation

Measurement, control and connected equipment support operations across these sectors.

Engineering starts with the requirement

Capacity, material characteristics, operating conditions and performance goals shape the technical scope.

01 Requirement

Process data, capacity and the intended operating result.

02 Application

Duty cycle, material properties and environmental conditions.

03 Technology

Equipment selection, sizing and the appropriate manufacturer.

04 Integration

Mechanical, electrical and control interfaces.

05 Operation

Serviceability, spare parts and long-term technical support.

Our engineering scope

01

Process systems

Separation, filtration, thermal processing, pumping and dosing.

02

Measurement & control

Flow, level, pressure, temperature and analytical measurement.

03

Drive & mechanical

Gearboxes, couplings, motors and rotating equipment.

04

Material handling

Conveyors, feeders, transfer points and handling systems.

05

Process utilities

Water, compressed air, fluid control and supporting plant systems.

06

Smart Industry

Connected equipment, condition information and operating data.

From measurement to process control

Connecting field instruments, control systems and industrial communication.

Field measurement

Flow, level, pressure, temperature and analytical parameters.

Automation

Process control, operational monitoring and system integration.

Connectivity

Links between equipment, control systems and operating information.



Illustrative operating environment

Drive & mechanical systems

Technology selected around load, torque and operating duty









Illustrative equipment rendering

Motors

Power and duty

Gearboxes

Speed and torque

Couplings

Interfaces and load

Rotating equipment

Operational reliability

Project delivery

Coordinating the technical path from specification to operational handover.

01 Technical clarification

Process data, standards, interfaces and acceptance criteria.

02 Equipment selection

Sizing, materials and technical alignment with the manufacturer.

03 OEM coordination

Documentation, technical communication and engineering interfaces.

04 Delivery & site readiness

Logistics, installation requirements and supporting documents.

05 Installation & commissioning

Checks, alignment, start-up, testing and handover.

06 Operational support

Training, spare parts, troubleshooting and service coordination.

Technology partners

International OEM capability supported by local application engineering and project coordination.

























Product and service scope depends on the application, territory and project requirements.

Technical support beyond delivery

Field support

Installation checks, alignment and commissioning support.

Diagnostics & spare parts

Fault finding, parts identification and OEM coordination.

Maintenance & modernization

Preventive planning, shutdown coordination, retrofits and upgrades.

Training & knowledge

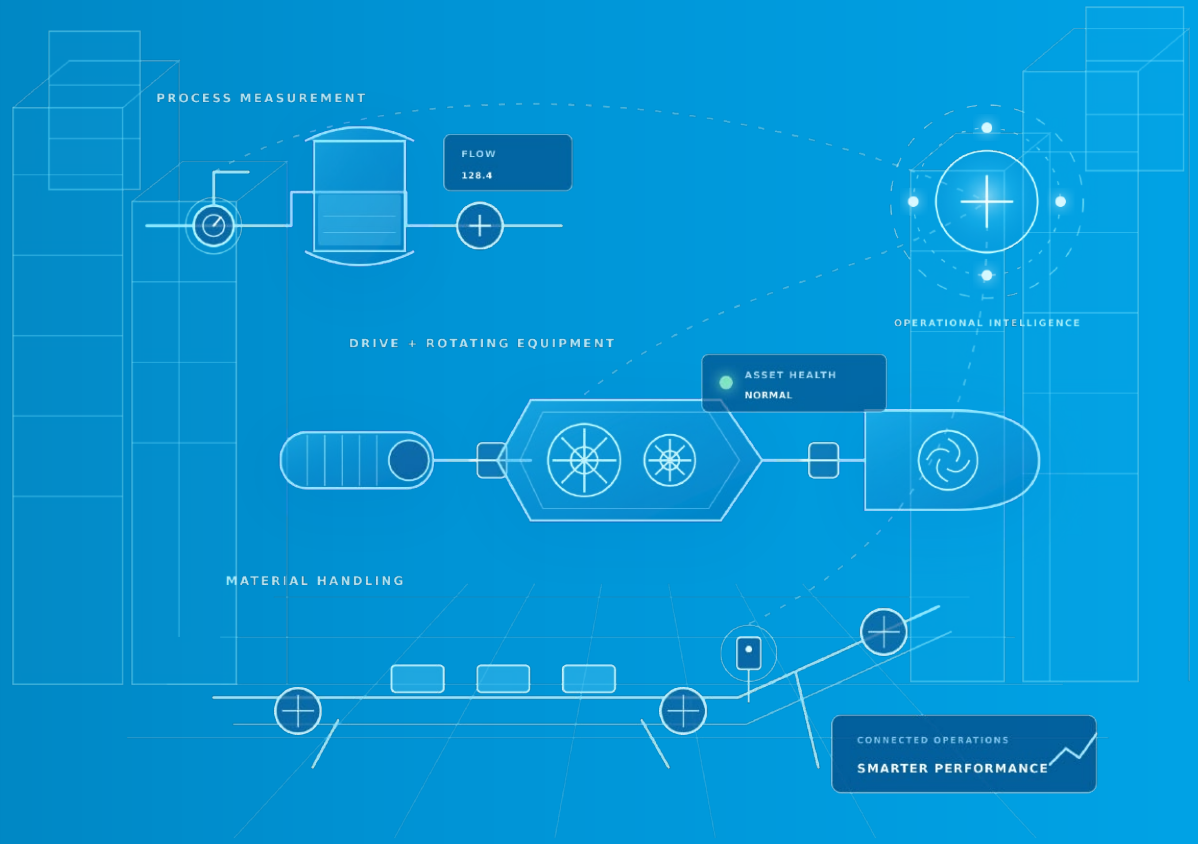
Operating documentation, knowledge transfer and OEM technical support.



Illustrative operating environment

Smart Industry

Connecting processes, mechanical assets and data



TODAY

Instrumentation, automation, equipment, engineering and lifecycle support.

BUILDING

Connected assets, remote monitoring, condition data and integrated operational views.

DIRECTION

Predictive analytics, digital models and AI-assisted decision support.

NTU | NEW TECHNOLOGY UNION LLC

Let’s discuss your operating requirement

Share your process conditions, equipment information or project objective with NTU.

Technology Delivered.
Performance Sustained.

Website

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