MANUFACTURER OF ADVANCED INDUSTRIAL COMMUNICATION SYSTEMS
GLOBAL LEADER IN ADVANCED INDUSTRIAL COMMUNICATIONS

Armtel is a leading supplier of advanced industrial communication systems including IP and Digital communication solutions for the highly demanding industrial environment. Armtel combines traditions of the Russian engineering school and the state-of-the-art German developments to produce the reliable communication equipment and provide full customer service at all stages of the systems life cycle.

MORE THAN 13 YEARS INDUSTRY EXPERIENCE

With extensive industry experience and product range, Armtel offers customized solutions for advanced industrial communications systems that provide both effective and life safety systems for onshore and offshore installations in the most diverse and challenging environments.

- Drilling rigs
- Offshore oil & gas production
- Refineries and gas processing
- Pipeline
- Chemical production
- Power
- Transportation
- Mining & Steel enterprises

Our approach to making the products modular opens doors to the entire industry where the highest safety standards are vital. Armtel offers an extensive portfolio of IP based, digital Public Address (PA) systems, Emergency call systems, plant communication and General Alarm (GA) systems.

150+ CUSTOMERS
400+ PROJECTS

Fortune Top 500 companies such as Gazprom, Rosneft, Lukoil, Indian Oil, RASCO Libya among the customers.

ISO 9001-2008

Quality Management System is certified in accordance with the international standard ISO 9001:2008.

QUALITY OF GERMAN R&D

Look forward to the future developing and bringing the brand new technologies to the market.
Delivery, installation and putting into operation were implemented by Arman Ltd specialists completely according to technical requirements and specs and in the established order dates. I would like to express our profound gratitude for professional work and reliability of the supplied intercom system. I look forward to further cooperation.

Armtel Ltd. intercom system used in the chemically aggressive environment showed the reliability of its operation and the ease of its use. At the present time system works smoothly and without failures. Thank you for the qualified work and high professionalism.

During operation the system complied with the declared technical characteristics, reliability and quality without any failure. I’d like to note the high reliability and flexibility to due the most up-to-date technologies and electrical components of the highest quality.

At the moment the system represents a distributed structure of communication equipment and periphery devices. It performs advanced functions apart from the standard ones. These functions include integration with Yokogawa gas system (under Modbus protocol) for automatic PA with threshold exceeding of gas. Moreover the installed IP-system has the function of remote monitoring. The top quality and audibility of the audio call is also remarkable.

For the time it has been used Armtel equipment has shown perfect efficiency and vitality in the chemically aggressive environment. We did not register any failures by fault of the manufacturer. In practice we noted that the connection is reliable and good quality. Armtel intercom stations function in the right order in conditions of high electric interference.

The perfect efficiency and vitality of Armtel solutions were proven by the fail-safe operation during the whole period of service. The system is also easy and convenient for servicing and usage. There have been no failures in the system during operation period.
DCN SOLUTION

DCN is a distributed digital system built on industrial standards and digital technologies providing simplex/duplex communication with high voice quality.

- Two-way simplex/duplex communication
- Individual or group call
- Single or group PA and GA
- Radio subscribers’ connection
- Two-way communication with PABX subscribers
- Manual or automatic alarm signals and pre-recorded announcements broadcasting
- Free numbering plan
- Priorities assignment for priority call order
- Recording of speech messages into audio storage and their control playback
- Manual or automatic broadcasting of alarm signals and pre-recorded messages
- Local and remote control, error monitoring and system configuration

• **High level of reliability:** even during peak loads every subscriber has a guaranteed high quality connection;

• **Savings on cable:** U-interface provides reliable system functioning at a distance of up to 6 km without special cable requirements;

• **Flexibility:** different topologies enable one to increase the number of subscribers up to several thousands;

• **Integration ability:** connection to an external system via standard interfaces (PRI, SNMP, MODBUS, etc).
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IPN SOLUTION
IPN is a distributed IP-system specially designed for various industrial facilities, transport and other applications in the harshest conditions. The system provides Public Address and General Alarm (PAGA) Broadcast, the intercom communication between simplex subscriber devices, duplex communication with IP telephone sets.

- Direct Simplex Connection
- Direct Duplex Connection (SIP-connection)
- Individual or group call (up to 64 groups)
- Replaying of Announcements
- Voice messages
- LED indication for functional keys
- Three-digits numbering (up to 999 subscriber devices)
- Local and remote control, error monitoring and system configuration

SOLUTIONS & BENEFITS
- High level of reliability: even during peak loads every subscriber has a guaranteed high quality connection;
- Savings on cable: U-interface provides reliable system functioning at a distance of up to 6 km without special cable requirements;
- Flexibility: different topologies enable one to increase the number of subscribers up to several thousands;
- Integration ability: connection to an external system via standard interfaces (PRI, SNMP, MODBUS, etc);
- Cost-effective investments: only subscribers are required, without expensive central exchange equipment;
- Simple scalability: New subscriber devices are simply added without changing the existing ones;
- Integration ability: Open SIP interface for providing SIP telephony, CCTV, access control and office network integration (IP-PBX);
- Reliability: Lack of single point of failure due to a decentralized system/multicast interaction.
ASSESSMENT & CONSULTING
- An audit of Armtel industrial telecommunications system integration with the existing or planned infrastructure;
- A feasibility study of the system implementation.

PLANNING, DESIGNING & ENGINEERING
- Advanced and reliable technologies (digital, IP);
- Reducing modernization expenses significantly and providing new functionality at the same time.

AFTER SALES SERVICE
- Maintaining partners and customers through all stages of the system life cycle;
- Consulting on fault management and the configuration of the system operation.

INSTALLATION & COMMISSIONING
- Supporting integration and acceptance tests of the systems and solutions;
- Supervising an inspection, installation, commissioning.

TRAINING
- Standard and customized trainings for provided Products and Solutions;
- Development of modernization projects considering the new functionality of industrial sites.

Assessment & Consulting
Planning, Designing & Engineering
Installation & Commissioning
Training
After Sales Service

SERVICES

ARMTEL
industrial communication systems
GERMANY
Armtel GmbH
Landwehrstr. 30, 97249 Eisingen, Germany
Tel: +49 (0) 9306 98228-41
Fax: +49 (0) 9306 98228-16

RUSSIA
Armtel Russia Headquarters,
33A Smolenskaya Street,
St. Petersburg, 196084, Russia
Tel: +7812-7034111
Fax: +7812-7034111

GERMANY
Armtel GmbH
Landwehrstr. 30, 97249 Eisingen, Germany
Tel: +49 (0) 9306 98228-41
Fax: +49 (0) 9306 98228-16

UNITED ARAB EMIRATES
Armtel GmbH Rep. office
Office 307, EMC Square Building, Dubai Internet City,
PO BOX 500543, Dubai, United Arab Emirates
Tel: +971-4-4264788
Fax: +971-4-4264789

SINGAPORE
Armtel Asia Private Limited
8 Cross Street
#10-00 PWC Building
Singapore 048424
Tel: + 65 94590448

INDIA
Armtel (India) Private Limited
1204, DLF Tower B, Jasola,
New Delhi – 110025, India

www.armtel.com
e-mail: info@armtel.com