

Capability: The DOUSERV GROUP undertakes large and small projects and is committed to provide clients with quality services for the best value in the shortest possible time. The Group comprises over 100 full-time employees and associates with highly regarded outside specialists. The professional and technical resources have access to the best available work tools, equipment and documentation.

The DOUSERV GROUP organization is characterized by its flexibility to undertake projects requiring multidisciplinary teams. It brings together under common leadership the resources from its associated firms to complete a project in the most effective manner. The individual offices operated by associated firms are also uniquely qualified to pursue a distinct specialization for a specific market area. The DOUSERV GROUP organization is therefore capable of serving all client requirements.

A description of their services is the following:

Studies – feasibility, technology assessment, investment, market, tariff, economic, financial, cost benefit, research and development.

Design – systems design and detail specifications, quantity and cost estimating, contract documents, and bid evaluation.

Construction – inspection, supervision, equipment installation, construction management, start-up operations and commissioning.

Management – project management services, procurement, technical assistance, advisory services, technology management and transfer, operations and maintenance planning and quality control.

Average Work Force: Over 100 employees, including engineers, technicians and support staff.

Gross Sales: 1980 – \$2,225,000
1981 – \$3,244,000
1982 – \$4,212,000
1983 – \$3,637,000

Plant Size: Offices located in cities named above.

Experience: Maritime Telephone & Telegraph Co, New Brunswick Telephone Co, Governments of New Brunswick and Newfoundland, Newfoundland Telephone Co, Canadian Pacific, Department of Communications of Canada and of Quebec, Quebec Telephone, Hydro Quebec, James Bay Energy Corp, Southwestern Bell, International Civil Aviation Organization, and others.

Keywords: 5 = Communications; 6 = Computers; 8 = Energy; 14 = Protective Equipment; 18 = Space Systems; 20 = Miscellaneous; Consulting = 5, 6, 8, 14, 18, 20; Civil Engineering = 20; Project Management = 5, 6, 8, 14, 18, 20; Professional Services = 5, 6, 8, 14, 18, 20; Radio Communications = 5; Telecommunications = 5.

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DSMA ATCON Ltd

Code: DSM

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History: DSMA Atcon Ltd is the advanced engineering affiliate of Dilworth, Secord, Meagher and Associates, which

began in 1952 as a high technology engineering organization and was incorporated in 1956 as Dilworth, Secord and Associates Ltd. It is a wholly owned Canadian firm controlled by its senior employees. A computer center, development laboratory, manufacturing facility, and domestic and foreign subsidiaries and affiliates complement the head office engineering resources. The company has the following branch offices:

- DSMA Atcon Ltd – 17704-103rd Ave, Room 202, Edmonton, Alberta T5S 1J9
- Atcon Services Ltd – 3235 Wharton Way, Mississauga, Ontario L4K 2B6
- American Atcon Inc – 1105 N Market St, P.O. Box 1347, Wilmington, DE 19899

Capability: DSMA Atcon Ltd is a firm comprised of engineers and advances technology consultants. Their services and fields of specialization are shown below:

Services – Feasibility and conceptual studies, equipment development, systems engineering, detailed design, manufacture supervision, quality assurance and commissioning, heat transfer, stress and seismic analyses, program management, procurement services, turnkey design and supply through a constructor affiliate.

Fields – Machinery design, emergency maintenance and remote handling equipment, controls systems engineering, R&D facilities, aerospace and transportation equipment, environmental studies, air pollution, toxic and hazardous products waste disposal; and nuclear, thermal solar, wind and wave energy projects.

Average Work Force: Principal – 1
Associates – 8
Controller – 1
Support Staff – 50 (mechanical, electrical, aeronautical, structural, nuclear, and health physics disciplines)

Gross Sales: \$3.0M (Annually)

Plant Size/Equipment: 10,000 sq ft of office space fully equipped for engineering and design. A computing facility is integrated in the design office to provide powerful stress analysis capabilities.

10,000 sq ft of laboratory space equipped to support development, design and manufacturing projects. Specialized equipment such as a small wind tunnel, a shaker table, and dynamometer rig are used to extend the engineering capabilities of the design office.

An engineering office in Edmonton serves clients in western Canada with its associated firm, Alatcon Services Ltd, undertaking design and supply projects. American Atcon Inc of Wilmington, Delaware, serves clients in the US.

Experience: Typical projects include:

- Space shuttle RMS Component Engineering, Test Equipment Design and Supply
- Toxic Gas Dispersion Systems – Requirements, Design, Procurement, Commissioning
- Program Management of Canadian Electric Vehicle Demonstration and Evaluation
- Medical and Physics Accelerator Facilities – Feasibility, Concepts, Design
- Wind, Wave and Solar Energy R&D Programs and Facilities
- Nuclear Industry, Environmental Assessment, Engineering and Decontamination