

SWEDEN

1911

- SVEA, an insurance company, uses Computing-Tabulating-Recording Company (CTR) equipment in its Goteborg offices.

1920

- The newly-organized Societe Internationale des Machines Commerciales, located in Paris, France, promotes CTR tabulating machines in Sweden, Norway, Denmark, the Netherlands, Belgium, Switzerland, Spain, Portugal, Italy and France.
- A Swedish agent for CTR is appointed.

1928

- IBM Sweden is established.

1929

- IBM Sweden becomes known as Aktiebolaget International Business Machines.
- The IBM Service Bureau in Stockholm wins its first customer.

1930

- IBM holds its first Scandinavian sales convention in Stockholm.

1932

- A card plant is opened in Stockholm.

1933

- IBM Sweden sells the first manufacturing planning application in the country.

1937

- Aktiebolaget International Business Machines is renamed Aktiebolaget Watson Business Machines.
- IBM opens an office in Malmo.

1939

- Aktiebolaget Watson Business Machines is renamed Aktiebolaget Svenska Watson.

1941

- IBM holds its first customer engineering school.

1943

- Aktiebolaget Svenska Watson is renamed International Business Machines Svenska Aktiebolaget.

1946

- IBM Sweden begins printing punched cards for Finnish customers.

1950

- The first IBM World Trade Corporation Hundred Percent Club conventions [for sales employees who attained their annual quotas] are held in Stockholm; Berne, Switzerland [*see*]; and London, England [*see*].

1951

- After more than 15 years as the IBM manager in Sweden, Tage Lundberg retires and assumes the post of chairman of the board. He is succeeded by Gosta Lewenhaupt.

1953

- The Stockholm factory produces its 1,000th [Electric Typewriter](#).

1954

- IBM establishes a manufacturing facility in Vallingby -- Sweden's "town of the future" -- near Stockholm. It produces the IBM 082 sorter, IBM 416 tabulator and IBM 513 reproducer, along with typewriters and time control equipment. That factory has nearly 3,500 square meters of floor space on three floors and employs 120 people.

1955

- The first electronic data processing (EDP) system is installed at Folksam in Stockholm.

1956

- Gosta K. Lewenhaupt is named vice chairman of the board and Holger B. Lannebo is appointed general manager.
- The first [IBM 650 data processing system](#) in the country is installed at Livforsakringsanstalten Folket, an insurance company in Stockholm.

1957

- IBM Sweden signs its largest data processing order with Swedish State Railways.

1958

- IBM Sweden dedicates an IBM 650 data processing center in Stockholm.
- The city of Goteborg selects IBM 8500 time recorders for use by its 20,000 civic employees.

1959

- IBM maintains branch offices in Stockholm, Karlstad, Goteborg, Malmo, Norrkoping, Gavle, Eskilstuna and Sundsvall, and employs more than 600 people.
- The Vallingby plant begins production of the IBM 421. [N.B: The 421 does not appear in the Corporate Archives listing of IBM machine types.]
- IBM Sweden exports 2.5 million crowns worth of products.

1960

- The IBM Nordic Laboratory is established in Solna, Stockholm.
- IBM Sweden opens an Education Center in Solna.
- The Stockholm plant begins production of the IBM 088 collator and IBM 1402 card read punch.
- IBM Sweden exports products valued at 19 million crowns.

- The company becomes the first IBM organization in Europe to use teleprocessing.
- ASEA begins operating an IBM 7070 computer in Vasteras.

1961

- An addition to the Vallingby plant is opened.
- IBM Sweden exports products valued at 50 million crowns.
- Thulebolagen Insurance Company opens a Stockholm data center equipped with an IBM 7070 computer and an [IBM 1401 data processing system](#).
- Flytekiniska Forsokanstalten, an engineering technical service, acquires an [IBM 1620 data processing system](#).
- The Stockholm Transit Network, Bolinder-Munktell in Eskilstona, the Swedish Royal Post Office and the Lanssparbanken use IBM 1401s.

1962

- The company is renamed IBM Svenska AB.
- IBM Sweden opens a new headquarters building in Stockholm.
- The Vallingby plant builds its 1,000th IBM 88 collator and 2,000th IBM 1402.
- An [IBM 7090 data processing system](#) is used by the Military Weather Service.
- Svenska Liv-Hansa begins using an IBM 7070-1401 combination, and orders the first system with hypertape.

1963

- The Postal Savings Bank in Stockholm uses an [IBM 1410 data processing system](#) to process passbook accounts.
- SKF Hofors Iron Works installs an IBM 1710 industrial control system in November.

1964

- Hettemarks Clothing Manufacturing Company in Enkoping uses IBM 6400 magnetic ledger accounting equipment to acknowledge customer orders and produce factory work orders.
- The SKF Hofors system becomes fully operational and is used to calculating smelting time, analyze available in-plant transport capacity and the suitable location of the ingots in the soaking pit cells.

1965

- Production of the IBM 2540 card read punch and IBM 2821 control unit begins at the Vallingby plant.
- The IBM Nordic Laboratory moves to a new building in Lidingo, outside Stockholm. Designed by Sten Samuelsson and Fritz Jaenecke, it encompasses 75,000 square feet in five wings housing engineering laboratories and offices, and a four-story main office building.
- The Lidingo facility develops the IBM 1070 process communications system.

1966

- The IBM Nordic Laboratory is dedicated on September 15 in the presence of Prince Bertil and [Arthur K. Watson](#), vice chairman of the IBM board of directors, and 200 guests. The facility is one of IBM's seven research and development labs in Europe and will be one of

two focal points [San Jose, Calif., is the other] for data processing product development in the area of industrial production and process control applications. The 75,000-square foot structure consists of five wings, housing engineering laboratories and offices, and a four-story main office building. The new laboratory is supported by an [IBM System/360 Model 40](#). Now staffed by 150 scientific and administrative personnel, the lab's design will accommodate future building expansion for up to 800 people.

- An IBM 7044 data processing system in IBM's Stockholm Data Center is used to facilitate construction of a shell to protect two Egyptian temples near the Nile River.
- ASPADAB, a savings bank organization, uses four IBM System/360 Model 40s in a central computing center for the banks.
- Svenska Flaktfabriken receives an IBM System/360 in Stockholm.
- An [IBM 1710 control system](#) is used at the LKAB mine to monitor and control ore train traffic.
- Billeruds AB's paper mill in Gruvon uses an IBM 1710 to fully integrate the control of a kraft paper machine.

1967

- The Stockholm plant begins manufacturing the [IBM 1403 printer](#).
- Rune, Birger and Ragnar Lindberg -- three brothers -- constitute one-quarter of the entire DP customer engineering staff in the Sundsvall branch office.

1968

- Gosta K. Lewenhaupt is appointed chairman of the board and Arne Lundqvist is named president and general manager.
- Ground is broken for construction of the Nordic Education Center in Lidingo.
- An IBM 1800 data acquisition and control system is installed in the Gruven factory of Billerud AB, a paper processing company.

1969

- An Education Center for customer executives and IBM customer engineers is completed at Elfviksudde on the island of Lidingo.
- Expansion of the Lidingo facility begins in February with the addition of three floors. In addition, a new [IBM System/360 Model 65](#) is installed.
- Lidingo provides basic programming support for the IBM System/360 model 20, and the [IBM 1130](#) computers.
- An IBM Magnetic Tape Composer goes to sea aboard the liner *Gripsholm* and replaces the letterpress method previously used to print menus and daily announcements.

1970

- Manufacturing operations move to a new, purpose-built facility in Jarfalla, outside Stockholm. The new plant produces printers for the European customers.
- Swedish National Railroads expands its computerized railroad reservation system, with full implementation to be completed by mid-1971. Launched on March 31 and hosted by an IBM System/360 Model 40, the system has 25 reservations terminals in Sweden's major cities and towns serving 40 different trains. The completed system will encompass 200 terminals and serve 300 different daily trains.

1971

- The Lidingo lab pursues basic programming support for line switching equipment and small IBM systems (such as the IBM System/360 Model 20), and it has worldwide programming maintenance responsibility for the IBM 1130 computing system and [IBM 1800 data acquisition and control system](#), as well as for assembler and sort programs.
- Since its formation, the Lidingo lab has developed the IBM 1070, the IBM 1080 data acquisition system and the ALGOL compiler for Operating System/360.

1974

- The Jarfalla plant begins production of the IBM 5937 industrial terminal developed at Lidingo.

Early-1970s

- The Jarfalla plant manufactures the IBM 3211 and IBM 5211 line printers.

Mid-1970s

- Production begins at Jarfalla of the IBM 3203 and IBM 3262 line printers.

1975

- Printer manufacturing at Jarfalla is performed in several hundred operations: 120 different cutting tools are involved, comprising 130 tool changes before a component can be passed on. Each operation requires 10 to 20 computer instructions. Jarfalla's printers can be adapted for 16 different alphabets and can handle over 5,000 characters.

1976

- The Jarfalla plant ships its first [IBM 3800 laser printer](#) in November. The 3800 is the first electrophotographic printer in the industry and operates at up to 20,000 lines per minute. (The 3800 is still in production eight years later.)

1978

- IBM Sweden celebrates its 50th anniversary.
- A new headquarters in Stockholm is inaugurated.
- The company employs 3,800 people.

1981

- Manufacturing begins of the IBM 3880 storage control unit at Jarfalla.

1983

- The Jarfalla plant begins production of the IBM 4250 graphics printer. It had been developed by the IBM Information Products Division in Boeblingen [*see* Germany], and uses an advanced, high-resolution electro-erosion process to produce economical, camera-ready masters in a computer-based publishing system.

- Jarfalla manufactures the IBM 3620 and IBM 3621 small printers, the IBM 3203 and IBM 3262 intermediate printers, the high-end IBM 3800 printer, the IBM 3880 storage control, and certain robotics products.
- New space is constructed at the Jarfalla facility.
- Lidingo meets special engineering responsibilities in response to unique IBM World Trade requirements for process and manufacturing industry and document handling products; the IBM 5922 document reader, IBM 4723 document processor, IBM 3287 automatic document insertion device, IBM 3800 unique World Trade form sizes and communications equipment. In addition, the facility meets program product development responsibilities for installation management, financial business planning, IBM 8100 systems extensions, and information center applications.

1984

- The company announces on September 19 the IBM 3880 storage control unit Models 23 and 21, which were developed by the IBM General Products Division laboratory in [Tucson](#), Arizona and are manufactured at the factory there and in IBM plants in Fujisawa [*see* Japan] and Jarfalla.

1987

- The IBM Application Systems Division is established on July 22, and Lidingo becomes one of the IBM laboratories supporting the new division

1989

- Jarfalla operates as one of 11 IBM plants around the world supporting the IBM Enterprise Systems line of business. It is also one of 11 IBM plants worldwide supporting IBM's Personal Systems line of business.
- Lidingo serves as one of 14 IBM software development facilities around the world supporting the IBM Application Solutions line of business.

1990

- A printing briefing center is established at the Jarfalla plant to support the marketing of IBM printing applications in Sweden.
- On September 13, Diebold, Inc. and IBM form InterBold, a joint venture to provide automated teller machines and financial self-service systems worldwide. InterBold will conduct its own research and development at Diebold's facility in North Canton, Ohio, and at IBM sites in Charlotte, N.C., and Boeblingen. The joint venture will conduct manufacturing operations at Diebold's facility in Newark, Ohio, and IBM's facilities in Charlotte; Berlin [*see* Germany]; and Jarfalla.
- A specially designed IBM Personal System/2 computer exhibit in the newly-opened Vasa Museum in Stockholm allows visitors to learn about *Vasa*, the world's oldest identified, salvaged and restored warship, which sank in 1628.

1991

- Jarfalla manufactures printers and storage control units.
- IBM forms the Pennant Systems Company in December and Pennant provides functional direction to printer development and manufacturing activities in Jarfalla.

- Lidingo works on application software development.

1992

- IBM's Storage Products business unit is renamed ADSTAR, and Jarfalla becomes one of ADSTAR's 10 worldwide manufacturing facilities.

1994

- Atle Forvaltnings AB and IBM Sweden announce on March 15 an agreement for Atle to acquire a 65 percent share -- and for IBM Sweden to retain 35 percent ownership -- in the Jarfalla Industry Competence Center, a wholly-owned subsidiary of IBM Sweden. The Jarfalla plant was transformed in July 1993 into the Jarfalla Industry Competence Center, an independent company with some 700 employees who develop, manufacture and market printers, communications devices and other products for the IT industry

1999

- The Swedish Publishing Center based in Forum Kista, Stockholm, opens for business.

2000

- KPNQwest and IBM announce on April 4 a ten-year initiative to deliver next-generation e-business services and applications throughout Europe. At the core of the initiative is the creation and deployment of a sophisticated network of Web hosting facilities called KPNQwest CyberCenters. The hosting alliance, believed to be the largest of its kind in Europe, is expected to generate more than 4 billion euros in revenues, to be shared equally between the two companies. KPNQwest selects IBM Global Services to build, manage and provide operational support for up to 18 new KPNQwest CyberCenters connected to KPNQwest's high-capacity fiber optic EuroRings network. IBM will lease 25 percent of the available space in the centers to host its customers' e-business and business-to-business initiatives. The first six KPNQwest CyberCenters, each providing about 10,000 square meters of space, will be in Frankfurt, Paris, Munich, Stockholm, Milan and London.
- In May, the Nordic savings and insurance companies Skandia, Storebrand and If Property & Casualty Insurance, and the retailing group ICA AB, enter into the largest outsourcing agreement ever in northern Europe. The 10-year contract with IBM is valued at more than \$1 billion. Under the agreement, IBM Global Services becomes a strategic partner for IT infrastructure and the management of the Nordic insurance companies' IT systems, including all management and infrastructure, such as mainframe computers and servers, operating systems, business programs, telephony and data communications, local service and help desk. Each company retains its own systems development and administration. For ICA AB, the agreement is limited to mainframe operations. The agreement includes the transfer of nearly 400 people working with IT infrastructure at Skandia, Storebrand and ICA, primarily in Sweden and Norway.

2001

- AstraZeneca, one of the world's largest pharmaceutical companies, and IBM announce on February 1 that they have signed a global strategic outsourcing agreement valued at \$1.7 billion over seven years. The agreement, covering the provision of IT infrastructure services to 45 countries, is the largest of its kind in the pharmaceutical industry. The services IBM

will provide include PC management, network and communications services, such as e-mail, and computer support, while Astra Zeneca retains control of its IT technical strategy and development and support of its application systems. Up to 1,200 AstraZeneca employees who currently provide IT services, principally in the United Kingdom, Sweden and the United States, will transfer to IBM.

- IBM Sweden announces that Volvo IT has reinstated IBM as a global supplier of personal computers to the Volvo Group.

2002

- IBM and IBS (International Business Systems) announce on January 23 a global strategic alliance to deliver e-business and Supply Chain solutions for mid-sized businesses in the distribution, wholesale and international industrial sectors. The alliance incorporates Virtual Enterprise Supply Chain collaboration software from IBS with IBM's key middleware products, eServers and IBM Global Services Supply Chain Management services. IBM and IBS will jointly market the integrated solutions worldwide.
- IBM and Volvo Information Technology (Volvo IT) announce on October 22 plans to reenforce and extend their long-standing relationship. IBM Global Services, IBM's Product Lifecycle Management (PLM) business unit and Volvo IT will join forces in the growing PLM area, each contributing "world-class" expertise in their areas of "core competency." By teaming together and pooling relevant skills, say the two companies, "IBM and Volvo IT are poised to offer industrial companies best-practice methodologies and services to help them win in the marketplace." The arrangement has an initial scope in the Nordic region.
- Posten, Sweden's Post Office, signs a five-year strategic outsourcing contract worth \$50 million with IBM for its PC and network services, including the transfer of approximately 150 employees in 11 sites nationwide.
- Swedish power company Vattenfall pilots an e-business solution jointly developed by IBM and Nokia allowing mobile workers at customer sites or power lines to collect job-specific information.
- Leading plumbing and heating wholesaler Dahl Sweden AB chooses an IBM Websphere-based solution to take its catalogue online. And after just one year of operation, the Web site matches the turnover of the company's 60 physical stores.

2003

- Posten -- Sweden's national postal service -- selects IBM in June to manage and enhance Posten's IT and telephony infrastructure. The six-year agreement is valued at approximately 220 million euros and calls for IBM to operate one of the largest privately-held networks and phone systems in Sweden.
- Nordea -- the leading financial services group in the Nordic and Baltic Sea region -- and IBM announce an agreement on October 1 to transform and consolidate Nordea's overall IT production services into an on-demand infrastructure. As part of the 10-year agreement, Nordea and IBM form a single-purpose joint venture, which will employ about 900 people from Nordea beginning November 1, 2003. The IT services agreement is valued at approximately 2.2 billion euros.

2004

- The Swedish Road Administration awards IBM Business Consulting Services a contract in July to help it build, integrate, implement and run its new congestion charging system in Stockholm.
- IBM and Karolinska Institutet -- the Nobel Prize-awarding research institute -- announce on November 18 that they will team up to build Sweden's first IT-enabled biobank to advance the understanding of the links between genetics, environment and disease. Through the agreement, the Karolinska Institutet Biobank will be supported by elements from the IBM Healthcare and Life Sciences Clinical Genomics Solution.

2005

- Volvo Car Corporation selects IBM to build a powerful supercomputer to perform critical automobile crash simulations. IBM will provide both hardware and services. The new system includes more than 140 IBM eServer 325 servers with AMD Opteron processors. When combined with Volvo's existing IBM eServer xSeries 335 and eServer pSeries 655 High Performance Computing platform, the new system will become one of the automotive industry's fastest Linux clusters and will serve as the backbone to mission-critical automobile production by helping to determine vehicle simulation testing efforts.

2006

- IBM Svenska AB maintains its headquarters at 164 92 in Stockholm. In addition, the company operates facilities in Alingsas, Goteberg, Karlstad, Malmo, Ornskoldsvik, Solna, Sundsvall, Umea and three other locations in Stockholm.
- IBM and Arla Foods, one of Europe's largest dairy companies, announce on June 15 a seven-year strategic agreement for IBM to manage all IT solutions at the dairy company's operations in Denmark and Sweden. The agreement covers the development and maintenance of Arla Foods' IT solutions and infrastructure -- including consulting services, development, maintenance and facility management services.