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**Toyota Corporation and Denso Corporation have introduced MATLAB (Release 14), sold by Cybernet Systems Co., Ltd., for the development of automobile mass production software.**

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Cybernet Systems Co., Ltd., (hereinafter “Cybernet Systems”; listed on the First Section of the Tokyo Stock Exchange; Head office: Tokyo; Capital: ¥995 million; President: Shigehisa Inoue), and The MathWorks, Inc. (hereinafter “MathWorks”; Head office: Natick, Massachusetts; CEO: Jack Little), hereby announce the signing of a long-term contract with Toyota Corporation (hereinafter “Toyota”; listed on the First Section of the Tokyo Stock Exchange; Head Office: Aichi; Capital: ¥397,000 million; President: Katsuaki Watanabe) and Denso Corporation (hereinafter “Denso”; listed on the First Section of the Tokyo Stock Exchange; Head office: Aichi; Capital: ¥187,400 million; President: Koichi Fukaya) regarding special technical support for the development of automobile mass production software, which will use MATLAB sold by Cybernet Systems.

Under this long-term contract, Cybernet Systems and MathWorks provide technical support on the assumption that automatic code generation technology will be applied to mass production using MATLAB Release 14. The primary tools are Simulink/Stateflow to describe control specifications and the Real-Time Workshop Embedded Coder to generate automatic C codes for mass production. Thus, Toyota and Denso are striving to improve manufacturing efficiency by developing embedded software, thereby applying the model base development they have worked on to mass production.

Toyota, Denso, MathWorks and Cybernet Systems began a pilot contract in 2003 and have since negotiated requirements for the application to mass production such as long-term support. MathWorks has also adopted *Toyota's Way* to improve tool quality. These efforts resulted in this long-term contract.

Regarding this contract, Kazuhiko Hayashi, manager of Toyota Corporation's Electronic Components Engineering Division 1, said that “Toyota and Denso are very satisfied with the extensive and cooperative support provided by Cybernet Systems and MathWorks.” He added that “Toyota has been making various efforts to make automobile development more efficient. We believe this long-term contract will contribute to such efforts and expect to establish a continuous good business relationship with Cybernet Systems and MathWorks.”

Vice President Andy Grace, who is in charge of MathWorks' Engineering Division, said that “Toyota and Denso's application of model base development shows that more and more tools developed by MathWorks will be adopted in the global automobile industry. Our relationship with Toyota and Denso has continued for more than 10 years in our activities to determine the engineering tools necessary for use in the automobile industry. As our products had become used widely in the development divisions of Toyota and Denso, our target was the effective promotion of MathWorks' tools in the mass production development stage. We regard the establishment of a stable relationship with Toyota and Denso as achieving this goal. We expect extended utilization of MATLAB Release 14 by Toyota and Denso, and we will continue to improve such products to meet future requirements for mass production.”

### **Toyota Corporation**

Toyota Corporation, which has its head office in Toyota, Aichi, is the world's second largest automobile manufacturer with a line-up of small- to large-scale vehicles. Toyota and its Group companies, such as Daihatsu Motor Corporation and Hino Motor, Ltd., and its overseas Toyota and Lexus brands as a whole sold 6.72 million vehicles in fiscal 2004. Net sales for the fiscal year ended March 31, 2005, were about ¥17,300 billion and net income was around ¥1,200 billion. As of February 2005, Toyota had 12 plants, 11 manufacturing-related companies in Japan and 45 production bases in 26 countries, manufacturing Toyota or Lexus brand automobiles and components. Toyota has 264,000 employees worldwide and conducts sales activities in 170 countries/areas.

### **Denso Corporation**

Denso, which has its head office in Kariya, Aichi, is a general supplier of automobile parts and systems, developing its business globally. Denso's clients are the world's major automobile manufacturers, and it has about 100,000 employees in 31 countries including Japan. Net sales for the fiscal 2004 were about ¥2,800 billion.

### **The MathWorks, Inc.**

MathWorks (The MathWorks, Inc.) is a world-famous company that develops technical computing software for engineers and researchers in private organizations, governments and education entities. It sells a wide-range of products including the mainstay MATLAB and Simulink to provide solutions for the automobile, aeronautics and space, communications, loan service, biotechnology, electronics, machinery engineering and process industries with software and services to accelerate innovations. MathWorks was established in 1984 and currently has more than 1,000 employees worldwide. The head office is in Natick, Massachusetts. For further details, please visit the following Web site.

[www.mathworks.com](http://www.mathworks.com)

### **About CYBERNET SYSTEMS**

At CYBERNET SYSTEMS, we provide a wide range of cutting-edge technology software solutions in technological computation fields, especially related to CAE. We provide software, educational services, technical support and consulting services in various businesses and application fields such as electric, transportation and precision equipment, machinery, and educational and research institutes. We respond to diverse customer needs by promoting a wide range of world-class CAE software for structural, acoustic, mechanical, control system, communications system, illumination and high-frequency circuit analyses, signal processing and optical design. For more details about CYBERNET SYSTEMS, please refer to our Web site.

[www.cybernet.co.jp](http://www.cybernet.co.jp)

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