

## **U.S. High-Technology Export Controls in a Changed Global Environment, Firm Size, and Competitiveness**

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With policies that impose barriers to export sales that do not exist for domestic sales, exporting of high technology products with actual or potential military applications have faced different treatment in the United States, for national security reasons. This paper explored the direct and indirect implications of high-technology export controls for the high-technology industry, by firm size, and the overall US economy, using a fully specified recursive regression model on time series data for a 15 year period. An indirect effect is observed --whereby the export performance of particularly small high technology firms which appears to contribute positively to U.S. global competitiveness, is adversely affected by export controls. Intuitively, small firms may depend more on direct export sales than the big firms which have other means (foreign direct investment, the use of overseas affiliates for foreign sales, etc.) of reaching the international markets.

## **International Business Strategy: the Complete Environment for Technology**

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Internationalization of business is engaged by companies in varied industries: auto, oil, food, tobacco, electronics. The environment in each country has both unique and common characteristics, providing multidimensional challenge. A systematic approach to successfully implant an international business is provided by the Strategic Management Process, which provides analysis of opportunities and needs, and risks, and planning of implementation across countries.

## **Globalization of Technology and Poly- Cultural Global Teams**

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All firms, and in particular technology-driven organizations in the US, are earning increasingly more revenues in global markets. Their technology value adding chains extend beyond their national boundaries and cultural space. This requires people with multiple cultures working together harmoniously. This paper discusses these international issues with requirements for high performing teams.

## **Global Competitiveness of Hong Kong Manufacturing Industries**

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Since China's open door policy, much of Hong Kong's low cost manufacturing industry has been relocated to China for cheap labor/land costs; however, attention to technology upgrading and innovative product development is largely neglected. Based on extensive survey findings, this paper analyses the quality, technology and innovative product development practices of HK/China manufacturing industries. It also recommends strategies for sustaining competitiveness in the global market of the 21<sup>st</sup> century.