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Front-line Researchers

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Global Standardization Activities

Front-line Researchers

Makoto Iwamura, Distinguished Researcher, NTT Secure Platform Laboratories

▼Overview

Combating malware has become a global issue. The black market for malware, which threatens the integrity of even state secrets, is turning into a robust organization that presents an ongoing challenge to researchers. Since 2005, when the word malware came into common use, NTT Secure Platform Laboratories has been working around the clock to collect, analyze, and combat malware. We asked Dr. Makoto Iwamura, NTT Distinguished Researcher, to tell us about research achievements to date, future issues, and approaches to establishing an anti-malware system and training program for security personnel.
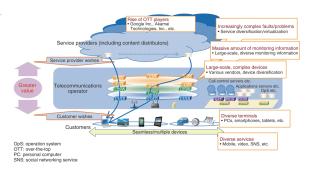
Feature Articles
Network Science

Approach to Network Science—Solving Complex Network Problems through an Interdisciplinary Approach

▼Abstract

As networks come to be used in diverse ways and become increasingly complex and massive in scale, it is becoming difficult to support networks using only existing network technologies aimed at achieving complete control of individual network elements. At NTT Network Technology Laboratories, we are researching and developing network science as an interdisciplinary approach that combines existing network technologies with new technologies from other fields. We are also carrying out research and development (R&D) on technologies that apply network science to enable service providers and end users to use networks in more intelligent ways. This article provides an overview of these R&D efforts at NTT.

OpS: operation system
OTT: over-the-top
PC: personal computer
SNS: social networking service