1

C-HTTP
The development of
a secure, closed HTTP-based network
on the Internet

Takahiro Kiuchi, M.D.

Dep. of Epidemiology and Biostatistics,
Faculty of Medicine, University of Tokyo, Japan

Shigekoto Kaihara, M.D.

Hospital Computer Center,
University of Tokyo Hospital, Japan

2

Introduction (1)

Medical Community

1. Needs for secure data communications

Multi-institutional clinical research
Case reports
Patient referral

2. Unskilled computer users

Keys? Certificates? Encryption?

3. Security insensitive users

Security of their patient's information, not their own

3

Introduction (2)

Current Medical Information Networks in Japan

1. UMIN (University Medical Information Network)

Participants	University Hospitals
Protocol	N1 Protocol
Internet	Not accessible

2. Cancer Center Network

Participants	Central and regional national cancer centers
Protocol	TCP/IP
Internet	Accessible via a gateway

4

Introduction (3)

"Physical" closed network

1. Expensive

2. Not flexible

Virtual closed network

5

Introduction (4)

Why HTTP? Why not our own?

1) Flexibility of HTTP
Most services can be provided using HTTP.

2) User friendly interface

3) User agents and servers available on almost all platforms

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

fastcase®
Smarter legal research.