Security and DRM

The paper will cover the use of Digital Rights
Management by companies and how some attempts at DRM
are at odds with privacy and security for end users
and can be used by attackers for their own purposes.

There seems to be a conflict between company attempts
at securing their intellectual property and the best
interests of end user security and privacy. We hope
to explore whether the more successful the DRM is for
the company the more intrusive, potentially illegal
and more likely to be misused the DRM is.

The goal is to cover the problem and forces that are
in conflict over DRM, a technical discussion of the
systems that have been deployed and are planned to be
released and discuss the security and privacy risks of
each.

A draft outline of the paper follows:

1.   Introduction
 a.   DRM
 b.   Benefits for Companies
 c.   Benefits for Users
 d.   Benefits for Attackers
2.   DRM Technologies (a number of technologies will be
covered – the specifics are TBD)
 a.   Technology overview
 b.   IP Protection
 c.   Privacy
 d.   Security Risks
3.   Future DRM
 a.   Trends in DRM
 b.   DRM products in development
4.   Conclusion
 a.   Security vs. DRM
 b.   Privacy vs. DRM

Note: forwarded message attached.