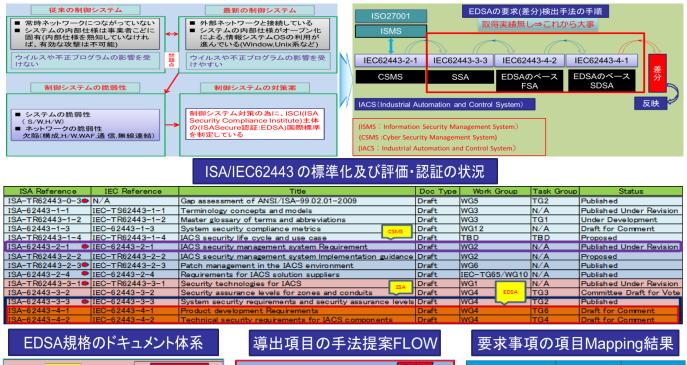
産業制御システムのセキュリティ対策の 検証ソリューション

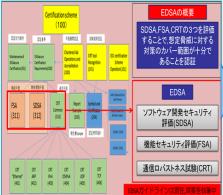
Verification solution of security measures for

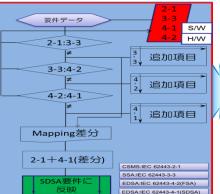
industrial control system

植田 修・マネジメント分科会・情報セキュリティ大学院大学

Abstract: Because IACS was comprised of a system for exclusive use before and was not connected to the outside network, most of the menaces in the security were not conscious of. However, It become a target of so-called cyber attack as a result that in late years inflection of the general-purpose technical protocols such as the (base environment TCP/IP of a PC and the server) network (remote control, remote maintenance) media (data extraction, parameter change) developed for advanced duties system. It derive requirements (difference) of certification (EDSA) for the control systems which are used with reference to IEC62443 series in all the countries of the world to realize these control system security.







	IACS	CSMS		(ISMS)ISO27001	
	制御分野(詳細制御エントリ数)	Mapping数	比率 (%)	Mapping数	比率(%)
	セキュリティボリシー(2)	2	100.0	2	100.0
	セキュリティ組織(11)	10	90.9	11	100.0
	資産管理(5)	5	100.0	5	100.0
1	人的セキュリティ(9)	7	77.7	9	100.0
,	物理的及び環境的セキュリティ(20)	9	45.0	13	76.5
/	通信及び運用管理(42)	30	76.1	32	76.2
	アクセス制御(40)	21	52.5	25	62.5
	情報システムの取得,開発,保守(30)	16	53.3	16	53.3
	セキュリティ事件の管理(13)	11	84.6	5	45.5
	事業継続性管理(21)	7	33.3	5	27.8
	準拠性(10)	8	80.0	10	100.0
		126			

ISMSを先行して取得されている組織であれば追加された部分(差分)の要件だけで取得可能に考慮