

Partner CONNECT

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How to sell
more Luna HSM
and more
Ciphertrust



SMART METERING USE CASE #1





Compliance for Network and Information Security Directive (NIS 2)

Thales helps organizations comply with NIS 2 by addressing requirements under article 21 for cybersecurity risk-management measures.

Requirements	NIS 2 Articles	Thales Supporting Capabilities				
Article 21: Cybersecurity risk-management measures						
Risk Analysis	21.2.a	 Data Discovery and Classification				
Supply chain security	21.2.d	 Cloud Key Management	 Transparent Encryption			
Cryptography and policies	21.2.h	 Hardware Security Modules (HSMs)	 Tokenization	 Enterprise Key Management	 Transparent Encryption	 High Speed Encryptors (HSE)
Access control and multi-factor authentication	21.2.i,j	 SafeNet Trusted Access	 Identity and Access Management	 Transparent Encryption		

Thales fulfils customer requirements



Secure communication

Electricity meters

The operator e.g.,
an energy company

The meter manufacturer



Data Security

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Data Integrity

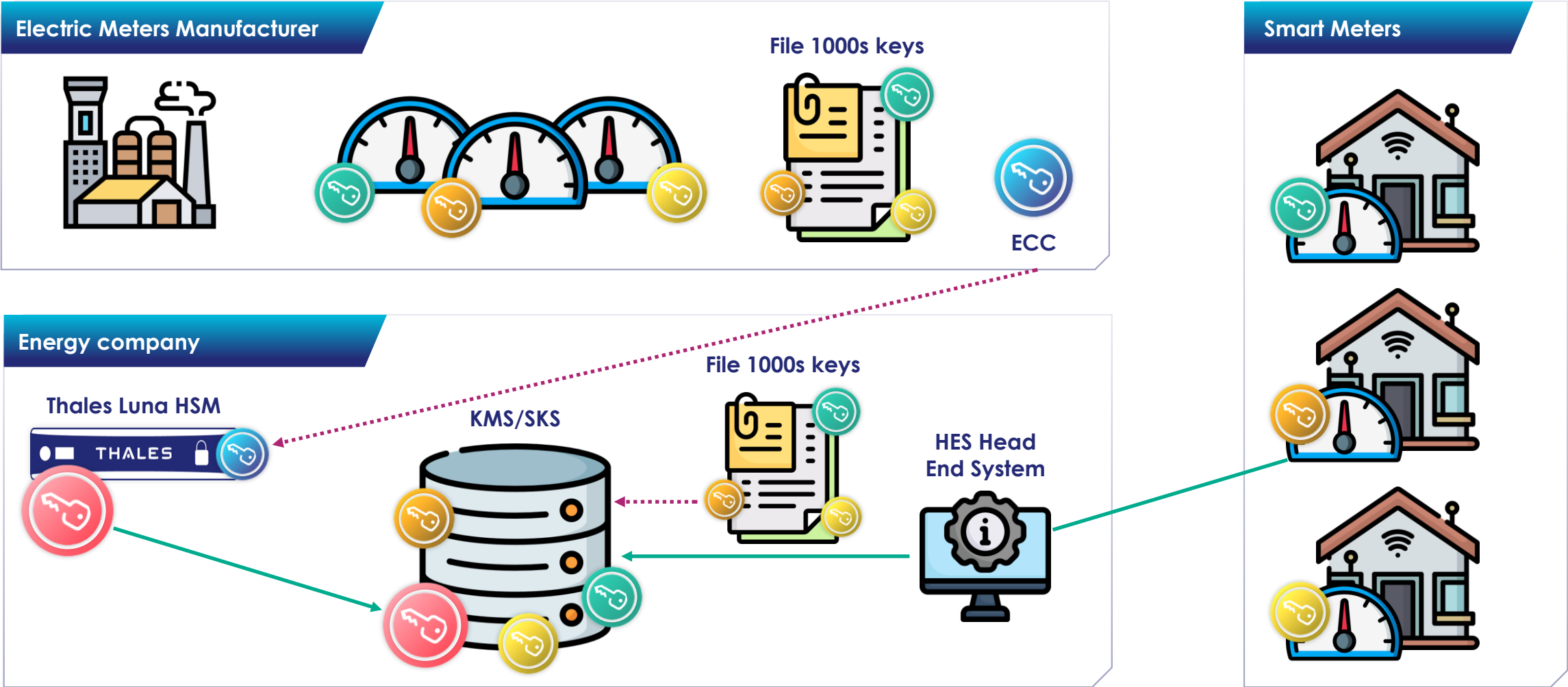
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Data authenticity



HL solution design



Communication secured by HSM

Key stay safe and never leave the hardware



Meters and Operator

Message/Data Encryption

Message/Data digitally signed

Message/Data verified

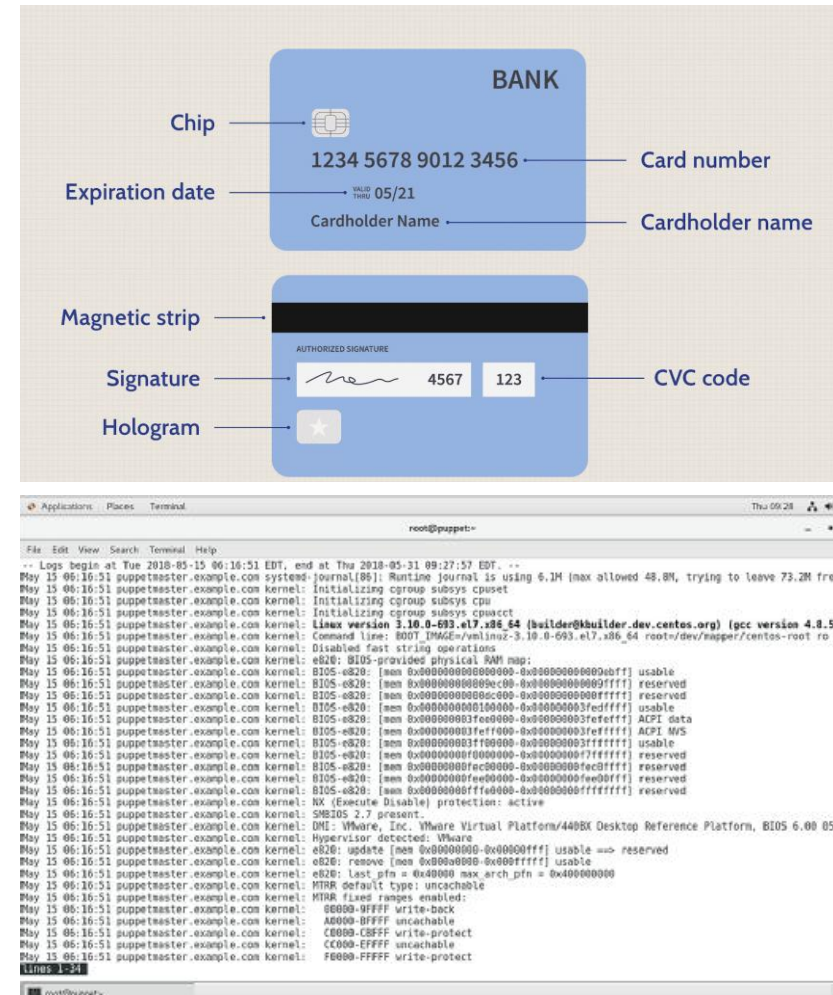


Manufacturer and Operator

HSM keypair is generated for a new keyset file exchange with Manufacturer














PCI DSS DATA PROTECTION USE CASE#2





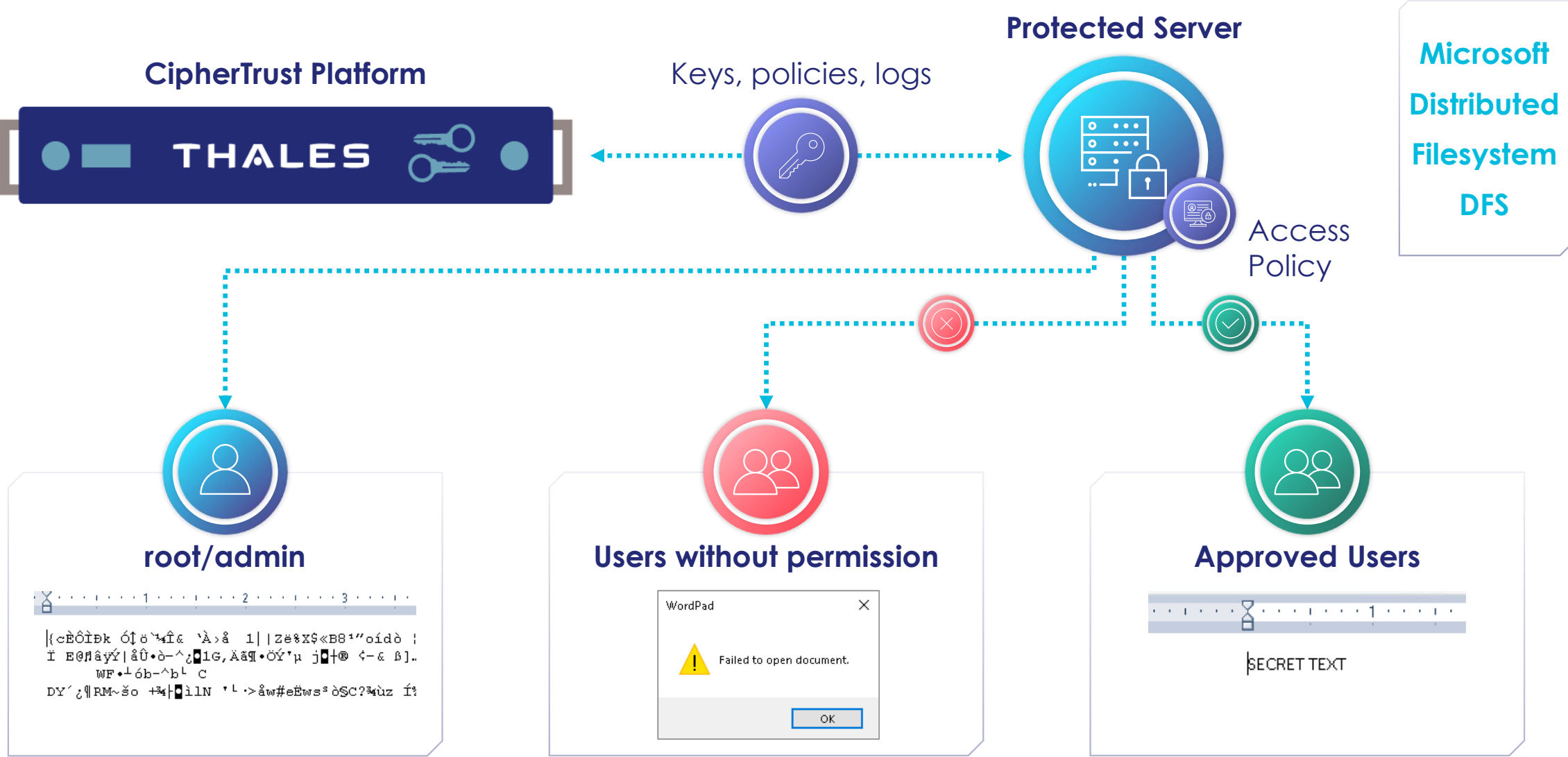
Compliance for PCI DSS 4.0

Thales offers comprehensive hardware and software solutions that help organizations comply with the core principles of the Payment Card Industry Data Security Standard (PCI DSS) .

Requirements	PCI DSS 4.0	Thales Data Protection Supporting Capabilities				
Secure Systems and Software	2 , 6	 Hardware Security Modules (HSMs)				
Protect cardholder data	3.4, 3.5, 3.6, 3.7	 Hardware Security Modules (HSMs)	 Tokenization	 Transparent Encryption	 Enterprise Key Management	 CipherTrust Manager
Encrypt data transmissions	4.2	 Network Encryption				
Restrict access to cardholder data	7.1, 7.2					
Identify and authenticate access to system	8.2, 8.3, 8.4, 8.5	 Transparent Encryption	 Identity and Access Management	 SafeNet Trusted Access		
Track access to cardholder data	10.1, 10.3, 10.5					
Identify cardholder data across Hybrid IT	12.5, 12.10.7	 Data Discovery and Classification				



CipherTrust Transparent Encryption

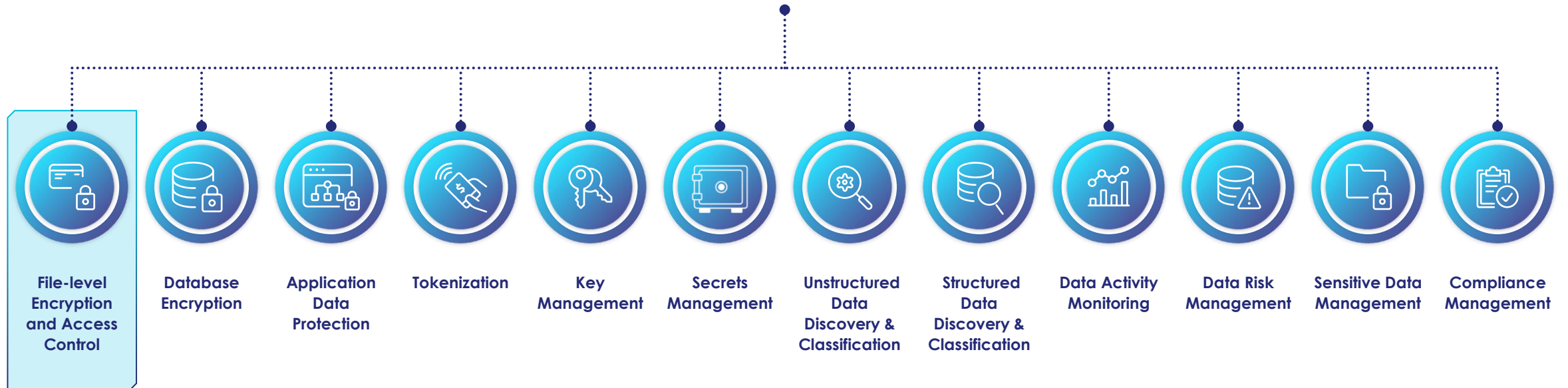


CipherTrust Data Security Platform

Discover Protect Control and Monitor your Data

CipherTrust Data Security Platform

Data Protection | Key Management & Policies | Activity Monitoring | Risk Management & Analytics



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Thank you

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