SBR Afsprakenstelsel

Deel 6b – Afspraken over de toepassing van elektronische handtekeningen en zegels

Versie 1.0

Document informatie
In dit document staan de afspraken over de toepassing van de internationale open standaard(en) waarmee gekwalificeerde elektronische handtekeningen en elektronische zegels kunnen worden gezet. Deze afspraken worden beheerd door de Taakgroep Elektronische Handtekeningen binnen de SBR Governance.

Dit document maakt integraal onderdeel uit van het SBR Afsprakenstelsel. Het SBR Afsprakenstelsel omvat meerdere documenten die de afspraken bevatten omtrent:

1. Kaders van SBR;
2. Governance;
3. Gestructureerde gegevens;
4. Gekwalificeerde ondertekening en verzegeling;
5. Formele uitwisseling.

Versiebeheer

Versie	***Datum***	***Wijziging***
0.8	1 februari 2024	Initiële versie
0.9	26 november 2024	Update n.a.v. bespreking in TG EH

Contact
Voor vragen of opmerkingen over dit document, kunt u contact opnemen met de SBR Staf via het volgende emailadres: sbr@logius.nl

Inhoudsopgave

1. Inleiding

1.1. Over elektronische handtekeningen en zegels

Een elektronische handtekening is in essentie het equivalent van een handgeschreven handtekening, waarbij gegevens in elektronische vorm als authenticatiemiddel worden toegevoegd aan andere elektronische gegevens (zoals een digitale bedrijfsrapportage of digitale overeenkomst). Een elektronische zegel waarborgt de herkomst en integriteit van gegevens.

Als gevolg van de Verordening (EU) nr. 910/2014 betreffende elektronische identificatie en vertrouwensdiensten voor elektronische transacties in de interne markt – ook wel eIDAS-verordening genoemd - hebben elektronische handtekeningen en elektronische zegels rechtsgevolgen in Europa.

Het Europees Telecommunicatie en Standaardisatie Instituut (ETSI) speelt een sleutelrol bij het ondersteunen van deze wet- en regelgeving door het opstellen en publiceren van technische standaarden en specificaties. Het standaardisatieproces van ETSI is gebaseerd op consensus en op openheid. Het einde van het proces is de publicatie van nieuwe of geüpdatete documenten.

ETSI onderkent hierbij verschillende soorten technische standaarden en specificaties, waaronder:
- European Standard (EN) - Dit wordt gebruikt wanneer het document bedoeld is om te voldoen aan specifieke behoeften voor Europa.
- ETSI Technical Specification (TS) - Dit wordt gebruikt wanneer het document technische vereisten bevat en het belangrijk is dat het snel beschikbaar is voor gebruik.
- ETSI Technical Report (TR) - Dit wordt gebruikt wanneer het document verklarend materiaal bevat.
- ETSI Special Report (SR) - Dit wordt gebruikt voor verschillende doeleinden, waaronder het openbaar maken van informatie ter referentie.

De activiteiten van ETSI op het gebied van digitale handtekeningen worden gecoördineerd door het Technical Committee (TC) Electronic Signatures and Infrastructures (ESI). ETSI ESI is het comité dat zich bezighoudt met digitale handtekeningen, verleners van vertrouwensdiensten en aanvullende vertrouwensdiensten. Zij richten zich op het ondersteunen van de eIDAS-verordening en de algemene vereisten van de internationale gemeenschap om vertrouwen te bieden in elektronische transacties. Haar activiteiten hebben betrekking op het formaat van digitale handtekeningen, evenals procedures en beleid voor het maken en valideren ervan. Het gaat hierbij ook om beleids-, beveiligings- en technische vereisten voor verleners van vertrouwensdiensten, waartegen deze dienstverleners gecertificeerd kunnen worden.

ETSI ESI publiceert deze documenten op haar gedeelte van de ETSI website: https://www.etsi.org/committee/esi. De technische standaarden en specificaties van ETSI ESI ontwikkelen zich voortdurend, met name als gevolg van verzoeken voor nieuwe of aanvullende functionaliteit en de opkomst van nieuwe technologieën.

1.2. Toepassing van elektronische handtekeningen en zegels binnen SBR

De technische standaarden en specificaties van ETSI ESI zijn een belangrijke pijler binnen het SBR Afsprakenstelsel. ETSI ESI definieert in ETSI TR 119 000 een raamwerk voor de standaardisatie van digitale handtekeningen dat bestaat uit de bestaande en mogelijke standaarden voor dergelijke handtekeningen. Voor de toepassing van elektronische handtekeningen en zegels zijn echter niet alle

functionele gebieden van dit raamwerk relevant, aangezien ETSI ESI zich ook op (de dienstverleners van) vertrouwensdiensten richt. De volgende gebieden uit het raamwerk zijn relevant:
0 - Introductory deliverables (Inleidende resultaten)
1 - Signature creation and validation (Aanmaken en valideren van handtekeningen)
3 - Cryptographic suites (Cryptografische suites)

ETSI ESI publiceert regelmatig nieuwe (versies van) technische standaarden en specificaties binnen de bovengenoemde functionele gebieden. Na de publicatie van deze technische standaarden en specificaties door ETSI ESI is het vaak wenselijk om deze toe te voegen aan het SBR Afsprakenstelsel. Na toevoeging aan het SBR Afsprakenstelsel kunnen deze technische standaarden en specificaties ook binnen SBR worden toegepast.

De toevoeging van nieuwe technische standaarden en specificaties aan het SBR Afsprakenstelsel is geen automatisme, aangezien het mogelijk is dat een door ETSI ESI gepubliceerd document (gedeeltelijk) niet overeenkomt met de doelstellingen van SBR. In dit soort uitzonderlijke gevallen moet het mogelijk zijn om de inhoud van dergelijke documenten in te perken of zelfs volledig buiten het SBR Afsprakenstelsel te houden.

De insteek hierbij is wel om de technische standaarden en specificaties zo min als mogelijk in te perken. Zij kunnen immers ook use-cases bevatten die voor (nieuwe) domeinen binnen SBR relevant kunnen zijn. Niet noodzakelijke inperkingen kunnen de adoptie van het SBR Afsprakenstelsel daarom negatief beïnvloeden.

Het wijzigen van het SBR Afsprakenstelsel als gevolg van de publicatie van nieuwe (versies van) technische standaarden en specificaties verloopt conform de vigerende wijzigingsprocedure van het SBR Afsprakenstelsel. Dit houdt in dat een dergelijke wijziging uitsluitend geïnitieerd kan worden door de Taakgroep Elektronische Handtekeningen zoals beschreven in het document SBR Afsprakenstelsel | deel 2 - Governance.

Nadat de wijzigingsprocedure van het SBR Afsprakenstelsel succesvol is doorlopen worden de wijziging als gevolg van nieuwe (versies van) technische standaarden en specificaties in een nieuwe versie van dit document vastgelegd. De nieuwe versie van dit document wordt vervolgens gepubliceerd op de SBR website.

1.3. Wijze van vastlegging van afspraken over elektronische handtekeningen en zegels

De vastlegging van de afspraken over elektronische handtekeningen en zegels worden per functioneel gebied in tabelvorm vastgelegd. Deze tabel bevat enerzijds algemene informatie over de betreffende publicatie van ETSI ESI en anderzijds alle informatie over de toepassing hiervan binnen het SBR Afsprakenstelsel (in het Engels: “SBR framework of agreements”).

In tabel 1 is de vorm van de tabel en de hierin op te nemen informatie nader uitgewerkt. Omdat de meeste informatie afkomstig is vanuit de Engelstalige documentatie van ETSI ESI is ervoor gekozen om de inhoud van de tabel in het Engels op te stellen.

Name	De titel van de publicatie
ID	Het identificatienummer van de publicatie
Type	Het type publicatie: *European Standard (EN)*, *ETSI Technical Specification (TS)*, *ETSI Technical Report (TR)*, *ETSI Special Report (SR)*
Version	Het versienummer van de publicatie
Description	Een korte beschrijving van de inhoud van de publicatie
Status	De status van de publicatie
Date	De datum van de publicatie
Link	De link naar de publicatie
Category	De categorie waar de publicatie betrekking op heeft

Included in the SBR framework of agreements	
Status	De status van deze publicatie binnen het SBR Afsprakenstelsel: *Accepted, Proposed, Rejected* or *Deprecated*
Restrictions	De beschrijving van eventuele beperkingen die van toepassing zijn op (een deel van) de inhoud van de publicatie
Date of acceptance	De datum van acceptatie binnen het SBR Afsprakenstelsel
Comments	De beschrijving van eventuele relevante opmerkingen

Tabel 1 – Template tabel

2. Introductory deliverables

2.1 Introductory documents of the framework for signature standardisation

2.1.1 The framework for standardisation of signatures

Name	The framework for standardization of digital signatures and trust services: Overview
ID	TR 119 000
Type	Technical Report
Version	V1.3.1 (2023-05)
Description	The present document describes the general structure for ETSI/CEN digital signature standardization outlining existing and potential standards for such signatures, hereafter referred to as the framework for standardization of signatures. This framework identifies six areas of standardization with a list of existing and potential future standards in each area.
Status	Publication
Date	May 2023
Link	https://www.etsi.org/deliver/etsi_tr/119000_119099/119000/01.03.01_60/tr_119000v010301p.pdf
Category	Framework

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

2.1.2 The framework for standardisation of signatures: Definitions and abbreviations

Name	The framework for standardization of digital signatures and trust services: Definitions and abbreviations
ID	TR 119 001
Type	Technical Report
Version	V1.2.1 (2016-03)
Description	The present document provides definitions and abbreviations for use in the ETSI ESI framework for standardization of signatures.
Status	Publication
Date	March 2016
Link	https://www.etsi.org/deliver/etsi_tr/119000_119099/119001/01.02.01_60/tr_119001v010201p.pdf
Category	Framework

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

3. Signature creation and validation

3.1 General

3.1.1 Business driven guidance for implementing digital signature creation and validation

Name	Business driven guidance for implementing digital signature creation and validation
ID	TR 119 100
Type	Technical Report
Version	V1.1.1 (2016-03)
Description	The present document, which addresses area 1 of the Framework, provides a business driven guided process for implementing generation and validation of digital signatures in business' electronic processes. Starting from a business analysis and risk analysis of the business' electronic processes, stakeholders are guided for making the best choice among the wide offer of standards in order to ensure the best implementation of digital signatures within the addressed application/business electronic processes. The target audience includes enterprise/business process architects, application architects, application developers, and signature policy issuers.
Status	Publication
Date	March 2016
Link	https://www.etsi.org/deliver/etsi_tr/119100_119199/119100/01.01.01_60/tr_119100v010101p.pdf
Category	Signature creation and validation

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

3.1.2 Security requirements for signature creation applications and signature validation applications

Name	Security requirements for signature creation applications and signature validation applications
ID	TS 119 101
Type	Technical Specification
Version	V1.1.1 (2016-03)
Description	The present document provides general security and policy requirements for applications for signature creation, validation and augmentation. The present document is primarily relevant to the following actors: • Implementers and providers of applications for signature creation, signature validation and/or signature augmentation, who need to ensure that relevant requirements are covered. • Actors that integrate applications for signature creation, signature validation and/or signature augmentation components with business process software, who want to ensure proper functioning of the overall signature creation/validation/augmentation process and that the signature creation/validation is done in a sufficiently secure environment.
Status	Publication
Date	March 2016
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/119101/01.01.01_60/ts_119101v010101p.pdf
Category	Signature creation and validation

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

3.1.3 Procedures for creation and validation of AdES digital signatures - Part 1: Creation and validation

Name	Procedures for creation and validation of AdES digital signatures - Part 1: Creation and validation
ID	EN 319 102-1
Type	European Standard
Version	V1.3.1 (2021-11)
Description	The present document specifies procedures for the creation of AdES digital signatures and establishing whether an AdES digital signature is technically valid; whenever the AdES digital signature is based on public key cryptography and supported by Public Key Certificates (PKCs). Regulation (EU) No 910/2014 defines the terms electronic signature, advanced electronic signature, electronic seals and advanced electronic seal. These signatures and seals are usually created using digital signature technology. The present document aims at supporting the Regulation (EU) No 910/2014 for creation and validation of advanced electronic signatures and seals when they are implemented as AdES digital signatures.
Status	Adopted
Date	1 November 2021
Link	https://www.etsi.org/deliver/etsi_en/319100_319199/31910201/01.03.01_60/en_31910201v010301p.pdf
Category	Signature creation and validation

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

3.1.4 Procedures for creation and validation of AdES digital signatures - Part 2: Signature Validation Report

Name	Procedures for creation and validation of AdES digital signatures - Part 2: Signature validation report
ID	TS 119 102-2
Type	Technical Specification
Version	V1.4.1 (2023-06)
Description	The present document specifies a general structure and an XML format for reporting the validation of AdES digital signatures. The present document is aligned with the requirements specified in ETSI EN 319 102-1.
Status	Publication
Date	June 2023
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/11910202/01.04.01_60/ts_11910202v010401p.pdf
Category	Signature creation and validation

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

3.1.5 AdES related Uniform Resource Identifier

Name	AdES related Uniform Resource Identifier
ID	TS 119 192
Type	Technical Specification
Version	V1.2.1 (2023-02)
Description	The present document describes the root Uniform Resource Identifier (URI) http://uri.etsi.org/ades and sub branches that allow to define URI applicable for more than one AdES signature format and/or the ASiC signature container. The present document describes how to define URIs to reference a specific version and/specific attribute/property of an AdES format. The present document defines URIs which are not used as pointers to a specific location but are used as unique identifiers.
Status	Publication
Date	February 2023
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/119192/01.02.01_60/ts_119192v010201p.pdf
Category	Signature creation and validation

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification covers a wide range. Its applicability specifically relates to the detailed specifications outlined later in this document, such as XadES.

3.2 XAdES digital signatures

3.2.1 XAdES digital signatures - Part 1: Building blocks and XAdES baseline signatures

Name	XAdES digital signatures - Part 1: Building blocks and XAdES baseline signatures
ID	EN 319 132-1
Type	European Standard
Version	V1.2.1 (2022-02)
Description	The present document specifies XAdES digital signatures. XAdES signatures build on XML digital signatures, by incorporation of signed and unsigned qualifying properties, which fulfil certain common requirements (such as the long term validity of digital signatures, for instance) in a number of use cases. The present document specifies XML Schema definitions for the aforementioned qualifying properties as well as mechanisms for incorporating them into XAdES signatures. The present document specifies formats for XAdES baseline signatures, which provide the basic features necessary for a wide range of business and governmental use cases for electronic procedures and communications to be applicable to a wide range of communities when there is a clear need for interoperability of digital signatures used in electronic documents. The present document defines four levels of XAdES baseline signatures addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses all the requirements addressed at levels that are below it. Each level requires the presence of certain XAdES qualifying properties, suitably profiled for reducing the optionality as much as possible. Procedures for creation, augmentation, and validation of XAdES digital signatures are out of scope and specified in ETSI EN 319 102-1. Guidance on creation, augmentation and validation of XAdES digital signatures including the

	usage of the different properties defined in the present document is provided in ETSI TR 119 100. The present document aims at supporting electronic signatures in different regulatory frameworks. Specifically but not exclusively, XAdES digital signatures specified in the present document aim at supporting electronic signatures, advanced electronic signatures, qualified electronic signatures, electronic seals, advanced electronic seals, and qualified electronic seals as per Regulation (EU) No 910/2014.
Status	Adopted
Date	23 December 2021
Link	https://www.etsi.org/deliver/etsi_en/319100_319199/31913201/01.02.01_60/en_31913201v010201p.pdf
Category	XAdES digital signatures

Included in the SBR framework of agreements	
Status	Accepted
Restrictions	None
Date of acceptance	1 January 2024
Comments	XAdES digital signatures have been part of the SBR framework of agreements since 2015. The initial implementation of XAdES was based on ETSI TS 101 903 V1.4.2 (2010-12) "XML Advanced Electronic Signatures". This specification was developed prior to the existence of ETSI ESI and is now considered a legacy version of ETSI EN 319 132-1. XAdES digital signatures based on ETSI TS 101 903 can still be valid, however it is recommended to migrate to ETSI EN 319 132-1 before 31 December 2028.

3.2.2 XAdES digital signatures - Part 2: Extended XAdES signatures

Name	XAdES digital signatures - Part 2: Extended XAdES signatures
ID	EN 319 132-2
Type	European Standard
Version	V1.1.1 (2016-04)
Description	The present document specifies a number of XAdES signature levels, addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses all the requirements addressed at levels that are below it. These XAdES extended signatures offer a higher degree of optionality than the XAdES baseline signatures specified ETSI EN 319 132-1. The present document aims at supporting electronic signatures in different regulatory frameworks. Specifically but not exclusively, XAdES digital signatures specified in the present document aim at supporting electronic signatures, advanced electronic signatures, qualified electronic signatures, electronic seals, advanced electronic seals, and qualified electronic seals as per Regulation (EU) No 910/2014.
Status	Adopted
Date	1 April 2016
Link	https://www.etsi.org/deliver/etsi_en/319100_319199/31913202/01.01.01_60/en_31913202v010101p.pdf
Category	XAdES digital signatures

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification should only be used if the functionalities of the XAdES baseline signatures are clearly not sufficient for the intended purpose of a SBR domain.

3.2.3 XAdES digital signatures - Part 3: Incorporation of Evidence Record Syntax (ERS) mechanisms in XAdES

Name	XAdES digital signatures - Part 3: Incorporation of Evidence Record Syntax (ERS) mechanisms in XAdES
ID	TS 119 132-3
Type	Technical Specification
Version	V1.1.1 (2021-01)
Description	The present document specifies the semantics and the syntax for a new unsigned XAdES qualifying property able to contain evidence records. The present document specifies the rules that govern the incorporation of evidence records within a XAdES signature or a legacy XAdES signature. The present document also specifies a new level for XAdES signatures, incorporating one or more than one of the aforementioned qualifying properties. The signatures specified in the present document are not baseline XAdES signatures.
Status	Publication
Date	January 2021
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/11913203/01.01.01_60/ts_11913203v010101p.pdf
Category	XAdES digital signatures

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	This specification should only be used if the functionalities of the XAdES baseline signatures are clearly not sufficient for the intended purpose of a SBR domain.

3.3 Signature policies

3.3.1 Signature Policies - Part 1: Building blocks and table of contents for human readable signature policy documents

Name	Signature Policies - Part 1: Building blocks and table of contents for human readable signature policy documents
ID	TS 119 172-1
Type	Technical Specification
Version	V1.1.1 (2015-07)
Description	The present document defines the building blocks of signature policy and specifies a table of contents for human readable signature policy documents.
Status	Publication
Date	July 2015
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/11917201/01.01.01_60/ts_11917201v010101p.pdf
Category	Signature policies

Included in the SBR framework of agreements	
Status	Accepted
Restrictions	None
Date of acceptance	1 January 2024
Comments	Signature policies have been part of the SBR framework of agreements since 2015. Initial implementations of signature policies were based on ETSI TR 102 038 V1.1.1 (2002-04) “XML format for signature policies”. This specification was developed prior to the existence of ETSI ESI and is now considered a historic version by ETSI. Signature policies based on ETSI TR 102 038 are still be valid, however it is recommended to migrate to TS 119 172-1 before 31 December 2028.

3.3.2 Signature Policies - Part 2: XML format for signature policies

Name	Signature Policies - Part 2: XML format for signature policies
ID	TS 119 172-2
Type	Technical Specification
Version	V1.1.1 (2019-12)
Description	The present document defines an XML format of machine readable signature policies based on the building blocks that define technical constraints on digital signatures and are specified in ETSI TS 119 172-1. For each element of the machine readable signature policy, the present document specifies the semantics and the how to implement it in XML syntax.
Status	Publication
Date	December 2019
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/11917202/01.01.01_60/ts_11917202v010101p.pdf
Category	Signature policies

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	None

3.3.3 Signature Policies - Part 4: Signature applicability rules (validation policy) for European qualified electronic signatures/seals using trusted lists

Name	Signature Policies - Part 4: Signature applicability rules (validation policy) for European qualified electronic signatures/seals using trusted lists
ID	TS 119 172-4
Type	Technical Specification
Version	V1.1.1 (2021-05)
Description	The present document specifies a set of rules that aims at defining the technical requirements for determining, taking into account the EU Member States trusted lists, whether a digital signature is fit for meeting the requirements of EU qualified electronic signatures/seals in the sense of the applicable European legislation, i.e. either Directive 1999/93/EC or Regulation (EU) No 910/2014.
Status	Publication
Date	May 2021
Link	https://www.etsi.org/deliver/etsi_ts/119100_119199/11917204/01.01.01_60/ts_11917204v010101p.pdf
Category	Signature policies

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	None

4. Cryptographic suites

4.1 General

4.1.1 Guidance on the use of standards for cryptographic suites

Name	Guidance on the use of standards for cryptographic suites
ID	TR 119 300
Type	Technical Report
Version	V1.2.1 (2016-03)
Description	The present document provides business driven guidance on the use of standards for cryptographic suites, and in particular for digital signature creation algorithms. The present document explains the concept of security parameters that helps to choose a proper cryptographic suite for digital signature creation. It also gives an overview how to analyze the business needs and how to select a system that satisfies these needs. The purported audience of the present document is mainly the application designers and implementers. The present document provides recommendations to trust service providers and manufacturers of security devices.
Status	Publication
Date	March 2016
Link	https://www.etsi.org/deliver/etsi_tr/119300_119399/119300/01.02.01_60/tr_119300v010201p.pdf
Category	Cryptographic suites

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	None

4.1.2 Cryptographic suites

Name	Cryptographic suites
ID	ETSI TS 119 312
Type	Technical Specification
Version	V1.4.3 (2023-08)
Description	The present document lists cryptographic suites used for the creation and validation of digital signatures and electronic time stamps and related certificates. The present document focuses on interoperability issues and does not duplicate security considerations given by other standardization bodies, security agencies or supervisory authorities of the Member States. It instead provides guidance on the selection of concrete cryptographic suites that use agreed mechanisms. The present document also provides guidance on hash functions, (digital) signature schemes and (digital) signature suites to be used with the data structures used in the context of digital signatures and seals. For each data structure, the set of algorithms to be used is specified.
Status	Publication
Date	August 2023
Link	https://www.etsi.org/deliver/etsi_ts/119300_119399/119312/01.04.03_60/ts_119312v010403p.pdf
Category	Cryptographic suites

Included in the SBR framework of agreements	
Status	Proposed
Restrictions	None
Date of acceptance	
Comments	None