IDware

INTRODUCTION COMPANY

Reliable identification and authentication of resources and assets

From	ID-ware International
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Version	1.1

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Vision

"Reliable identification and authentication of assets and resources will evolve progressively to become the critical key for successful organizations."

Mission

As a turn-key provider, presenting state of the art technology to large and challenging organizations enhancing the effectiveness of identification, authentication and authorization processes, respecting data security and privacy protection.

ID-ware introduction

- Founded in 2003, independent and privately owned
- Customers: multinational and challenging organizations
- ISO 9001 and ISO 27001 certified
- Top market rating in security and identity solutions
- NXP Mifare registered partner and official partner of Legic
- SCRUM Agile software development
- More then 10.000.000 smart cards deployed in +500 projects
- Public key infrastructure strategy and security expert
- Professional servicedesk-ITIL based
- Member of CSR The Netherlands and FIRA Bronze classified
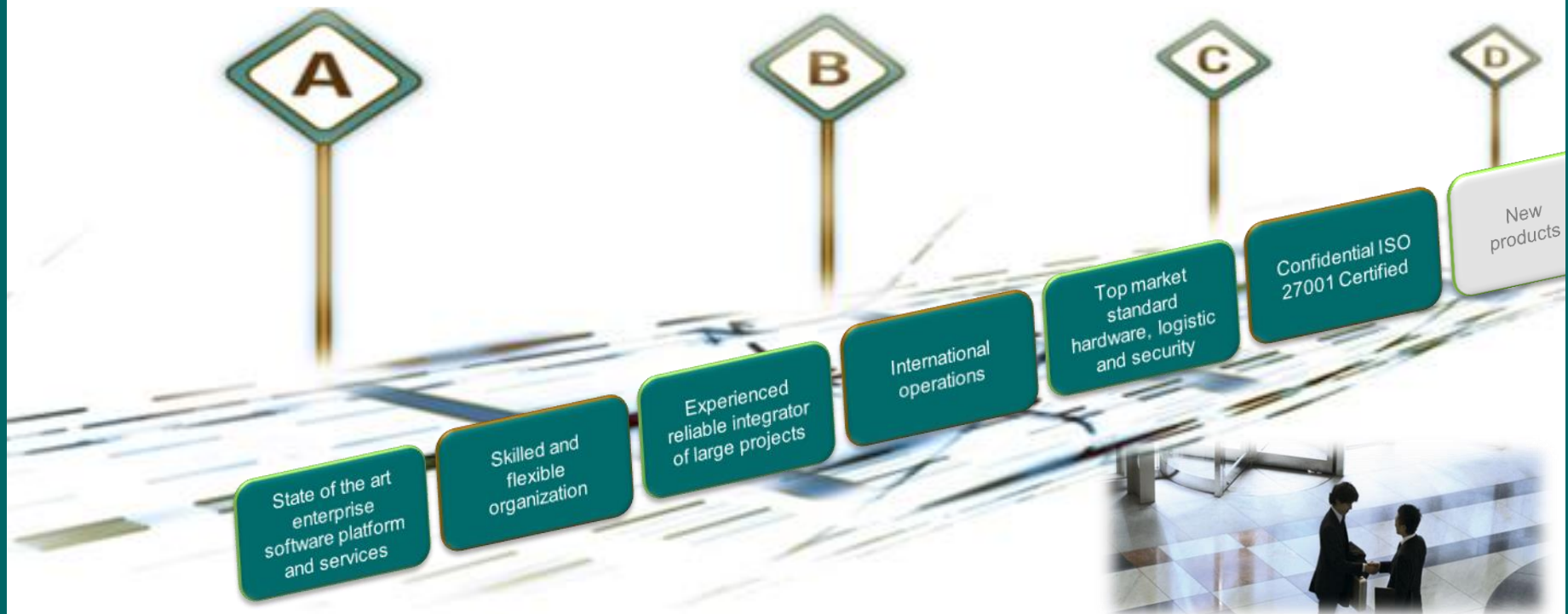- Locations in Rüsselsheim (DE) and The Hague (NL)

Roadmap 2014-2020

Top 3 Global providers   **Independent**   **Trusted Partner**   Sustainable growth

A   B   C   D

New products

Confidential ISO 27001 Certified

Top market standard hardware, logistic and security

International operations

Experienced reliable integrator of large projects

Skilled and flexible organization

State of the art enterprise software platform and services

- Top 3 Global providers of enterprise identity and access management solutions
- Financial independent organization with sustainable growth
- Trusted business partner with major global business partners

Solutions Customer key messages

Area's of attention:

- Global integrated solution for resource authentication and authorisation
- Logistic risk management and resource optimizations
- Global security control and guarantee of human capital and logistic assets

Contribution of ID-ware:

- Centralized human capital database in the Global identity repository (qualifications, certifications, training, experience, authorisation level, security level...)
- Add-on to current software infrastructure which remains unchanged (there is no des-investment due to flexible integration layer: *umbrella structure*)
- Enterprise ID allocation and authorisation (time bound linking FTEs with Logistic assets)
- Global physical human capital and assets authentication and authorisation
- Centralized global logistics authorization and global risk management

ID-ware direct sales

- ID Capture
- ID Print
- DesFire suite
- OCMS
- Smartcards
- Expertise & PM
- Smartcard hardware (printers, scanners, camera's & supplies)

ID-ware

Customers

- Direct sales channel model is used mainly in the markets Government (tenders), Education and Healthcare
- Clear direct contact and contracts
- Operational service desk and information channels

Government

Education

Healthcare

ID-ware trusted business partners

ID-ware

- ID Capture
- ID Print
- DesFire suite
- Smartcard encoding
- IDVision
- Smartcards & Smartcard design
- Expertise & PM
- OCMS
- Smartcard hardware (printers, scanners, camera's & supplies)

Sales distribution

- ID Capture
- ID Print
- DesFire suite
- Smartcard encoding
- IDVision
- Smartcards & Smartcard design
- Expertise & PM
- OCMS
- Smartcard hardware (printers, scanners, camera's & supplies)

Customers

- Partnership sales channel model is used mainly in the markets Industry, Finance and Services
- Clear conditions and contracts
- Sales service desk and information channels

Industry

Finance

Services

ID-ware products

Easy card

Easy Card	Easy card
❑ Amount of smartcards	❑ Expertise consultant lay-out design
❑ Type of Smartcards	❑ Specifications document encoding
❑ Encoding	❑ Project manager
❑ Printing	❑ Special foil (security bar / holographic / 3d)

❑ Easy card concept combines the production of Smartcards with the encoding requirements and specifications of the customers.
❑ Easy to adapt and easy to deploy in short time frames.
❑ Type of smartcards
    ❑ regular smartcards (PVC)
    ❑ sustainable earthcards or green smartcards
        ("sustainable" = PETG or PLA based and chlorine-free smartcards, see appendix 1)

Easy card

❑ Outsource
- ❑ Smartcard lay-out design
- ❑ Smartcard encoding
- ❑ Smartcard bulk printing
- ❑ Smartcard data capture

❑ ISO 27001 certified with the highest security- and data integrity levels

❑ Easy to adapt and easy to deploy in short time frames.

Smartcards
Levering van alle gangbare
smartcards en personalisatie

ISO 27001
Informatiebeveiliging is onze
core business

Smart Office: IDVision features

| IDVISION Module	IDVISION Module
❏ ID Layout Designer	❏ ID Encode Mifare classic
❏ ID Capture Standard	❏ ID Encode DesFire
❏ ID Capture Advanced	❏ ID Encode Legic
❏ ID Print	❏ Specifications document encoding

The IDVision concept combines the four main principles within the Smartcard environment:

1. Smartcard Lay-out design
2. Smartcard encoding
3. Smartcard data capture
4. Smartcard printing

ID Lay-out designer

The graphical ID Layout designer enables you to create and maintain all smartcard designs

- The integrated macro-engine is a strong tool to process also complex and dynamic data content.
- To have a high efficiency on maintenance, different smartcard designs can be managed within one projectfile
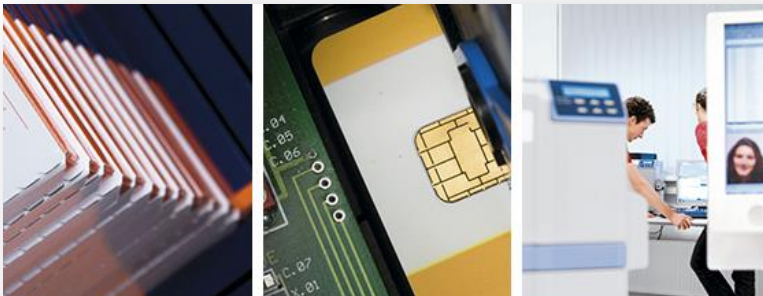
ID Capture

Modular structure for high flexibility

Photo acquisition

- IDCapture – Solution for direct capture of photos to be used at individual smartcard personalization
- Automated camera control
- Import functions to mass load files and link scanner data.
- The cut and adjustment features finalise the photo acquisition functions

ID Print

Smartcard printing

- IDPrint- Solution for hardware independent smartcard printing
- XID printers is the default High end quality range product
- Suppliers Fargo, Zebra, Evolis Quantum and NISCA are also part of our product portfolio

DesFire suite

- **DESFire Suite** provides full control over advanced features of NXP Mifare DESFire EV1.
- This includes the generation, packaging, transport and use of the Smartcard encryption keys.
- Using the DESFire Suite, ensures that the full control over your security and encryption key material is guaranteed.
- Your encryption keys remain your property which is embedded in the software and established the highest flexibility towards future use of Smartcard systems and readers.
- All established Smartcard reader brands are supported f.e.: Nedap, Deister, HID, Iolan, EAL, Keyprocessor, Equitrac, Baltech, Triple-Eye.

Smart Office: IDVision

ID Layout Designer	IDCapture (standard & advanced)
IDPrint	IDEncode (Mifare classic, Mifare Desfire EV1 &Legic)
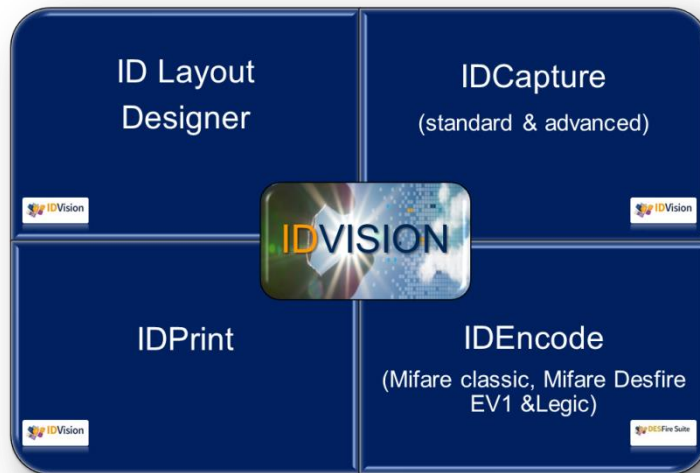
Key features

- Graphical Layout Designer

- Hardware independent card printing with optional encoding of all kind of smart cards

- Photo acquisition supports digital cameras and Live-View

- Secure web service communication (no ActiveX, Silverlight or Flash)

- Modular structure for high flexibility
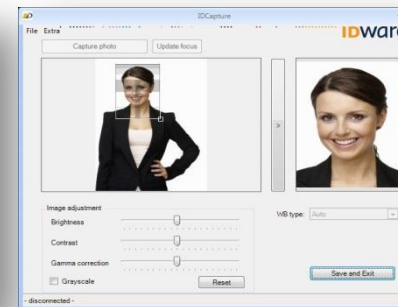
Smart enterprise: OCMS components

OCMS Component	OCMS Component
Flexibele Workflow-Engine	Open interface structure with:
❑ Physical access for all locations	❑ Time & Attendance
❑ Cashless vending	❑ Logical access computer LAN/WAN
❑ Special storage security	❑ Physical Key management
❑ Follow me Printing	❑ Employee portal: Self service
❑ Logistics access control unit (LACU's)	❑ Automated registration: smart phone App

Enterprise card management system (OCMS) is a scalable solution for large enterprises and combines the highest market security standards with the embedded data protection mechanism.

Online Card Management System: OCMS2
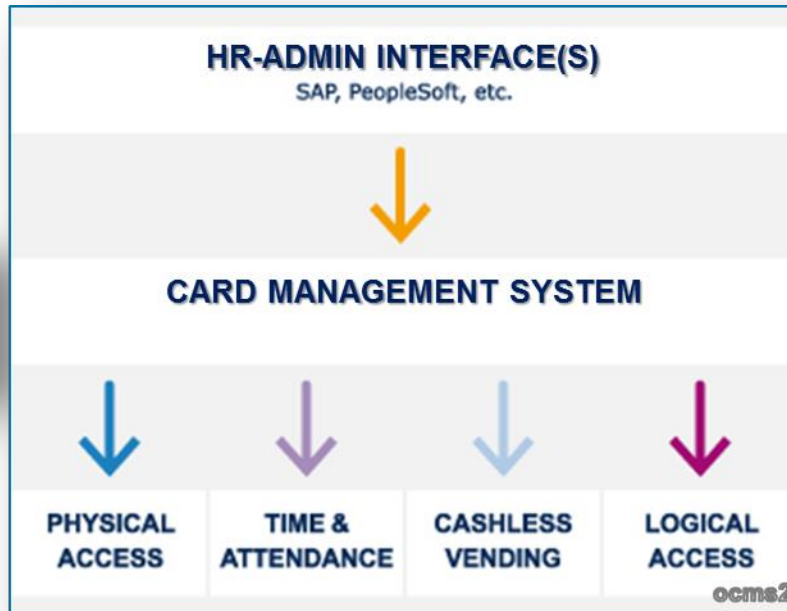
Concept Online Card Management System

Features

- Automated IDM interface
- Flexibele Workflow-Engine
- Roll based authorisations (RBAC)
- Tenant structure for open and flexible adoption of all type of physical locations
- PKI integration
- Security Policy and profiling
- Open database structure
- Based on hightech market standards
- Cost efficient
- Resource optimizations
- Highest market security standard and data protection mechanism embedded

IDware

Easy Card
(Smartcards & Offline access)

Easy Card components	Easy card components
❏ Amount of Smartcards	❏ Expertise consultant lay-out design
❏ Type of Smartcards	❏ Specifications document encoding
❏ Encoding	❏ Project manager
❏ Printing	❏ Special foil (security bar / holographic / 3d)

Outsource smartcard:
- Printing
- Encoding
- Design
- Distribution
- Management

Smart Office
(IDVision: Lay-out, Capture Print & Coding)

IDVision business module	IDVision business module
❏ ID Layout Designer	❏ ID Encode Mifare classic
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In source smartcard:
- Printing
- Encoding
- Design
- Distribution
- Management

Smart Enterprise
(OCMS:Enterprise Card Mgmt. System)

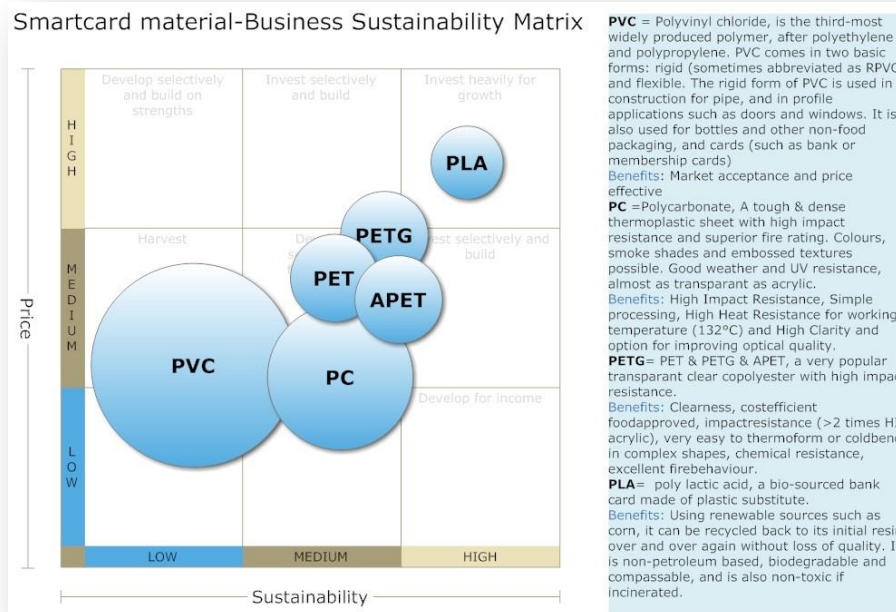| OCMS enterprise components	OCMS enterprise components
Flexibele Workflow-Engine	Open interface structure with:
❏ Physical access for all locations	❏ Time & Attendance
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❏ Special storage security	❏ Physical Key management
❏ Follow me Printing	❏ Employee portal: Self service
❏ Logistics Assets access control	❏ Automated registration: smart phone App

Online smartcard management and workflow addoption including automated interfaces with all business processes, physical access, security systems, cashless vending, logical LAN & WAN access, self service employee portal, IDM, follow me printing, lockers acces …… OCMS smartcard management system is the High end market secure interface to optimize all business processes.
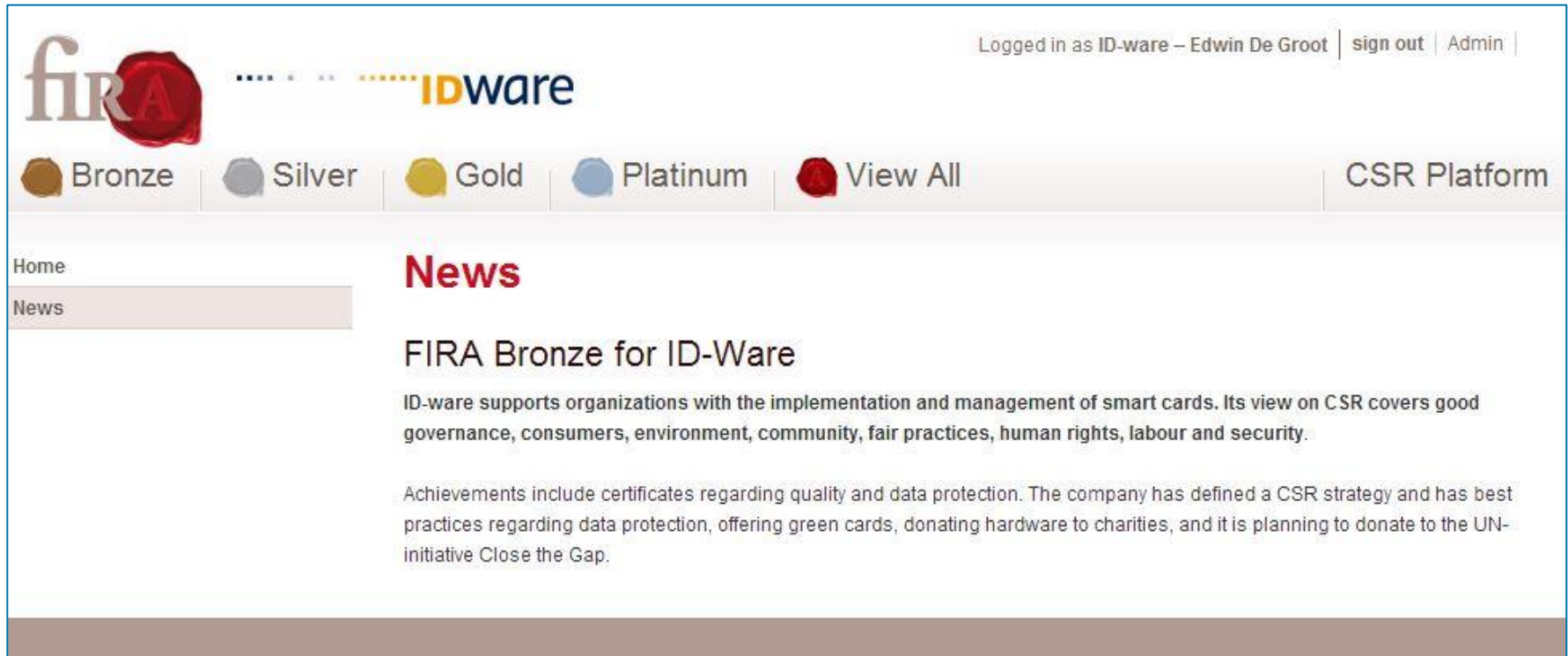
ID-ware appendix

Appendix: Business continuity by sustainability

ID-ware supports organizations with the implementation and management of smart cards. Its view on CSR covers good governance, consumers, environment, community, fair practices, human rights, labour and security. Achievements include ISO certificates (9001 and 27001) regarding quality and data protection. CSR label FIRA bronze has been received in 2014 and is partner with MVO Nederland.

Appendix: ID-ware business continuity

ID-ware has been rewarded in 2014 for it's CSR strategy by FIRA with the Bronze label and is also member of CSR The Netherlands.

FIRMUS AGNITIO

fiRA
Sustainability Assurance

Assurance Statement ID-ware International B.V.

ID-ware International B.V. commissioned FIRA Sustainability B.V. to provide external assurance on the reliability of the CSR information (Corporate Social Responsibility) presented in the FIRA Platform. This statement is issued to ID-ware International B.V. based on our assessment of the content, including underlying systems and available evidence. The statement is intended for 'clients and stakeholders' who have a professional interest in ID-ware International B.V. (further referred to as ID-ware) sustainability performance and challenges, displayed in the FIRA Platform.

> **The value of this initiative is not found in this statement, but in the actual performance information registered in the FIRA Platform©. Visit www.fira.nl to request free access.**

Scope

The scope for this assignment is introduction and life-cycle management of smartcards by ID-ware International B.V. based in the Netherlands (chamber of commerce 08137628). Sister company, ID-ware Deutschland GmbH based in Germany, is not in scope. Please refer to the database for further details regarding legal entities, subsidiaries, activities, etc.

Level achieved: Bronze

ID-ware expressed their commitment to the principles of sustainability in the form of a statement. Bronze also allows showing sustainable achievements such as best practices, company certificates, product labels, third party assessments, awards and improvement plans.

Methodology & Work Undertaken

FIRA reviewed all company claims relevant for the level achieved, meaning the sustainability information is tested on adherence to the standard particular this level (see FIRA Platform Protocol for details) and substantiation for all claims presented. Claims and related information in the database were reviewed based on the evidence made available by ID-ware to FIRA to determine the plausibility of information.

FIRA facilitates organizations processing the sustainability information in the database. FIRA ensures that the assessment team possesses the required competencies and adheres to the principles of auditing regarding ethical conduct, professional integrity, and independence.

Conclusion

ID-ware reports about initiatives and performance related to sustainability. Based on the work undertaken, we conclude that the claims and information portrayed in the FIRA Platform, level Bronze are reliable.

Summary FIRA Comments

We compliment ID-ware on initiatives undertaken. Please find a summary of the comments (accomplishments and/or opportunities for improvement) published in in the FIRA database below:

- **Balance & Completeness:** ID-ware has developed a CSR plan and has started the process of implementation. Current ID-ware practices are focused on quality, integrity and data security. We encourage ID-ware to develop/disclose practices resource use (demonstrable responsible/green cards) and promoting social responsibility ion the supply chain (smart cards, smart card printers).
- **Commitment to CSR:** ID-ware has committed to the template CSR declaration, including commitment to all CSR principles and to progress on material issues. We encourage ID-ware to work on a company specific declaration and code of conduct.
- **Governance:** A CSR Manager is appointed. We encourage ID-ware to assign CSR as a specific responsibilities at executive level.
- **Value Chain:** There is limited information on the origin of supplies beyond ID-ware tier 1 suppliers. We encourage ID-ware to collect additional supply chain data (smartcards and smartcard printers).

Date of issue: June 13th, 2014
(CSR information of every company is re-assessed annually.)

On behalf of FIRA,

Mr. A.C. de Bruijn
Managing Director FIRA

ID-ware Deutschland GmbH

Manganstraße 5   65428
Rüsselsheim   Germany
Tel: +49 (0) 6142 301 8080
Fax: +49 (0) 6142 301 8080 9

Info: info@id-ware.com

Service: servicedesk@id-ware.com

ID-ware International BV

Mesdagstraat 118   2596 XZ
The Hague   The Netherlands
Tel: +31 (0) 70 337 15 00
Fax: +31 (0) 70 337 15 01

Info: info@idware.nl

Service: servicedesk@idware.nl