

Transaction Server HEDAS

- Program package with HEDAS service and HEDAS-Manager for Windows®
- Functions of the HEDAS service:
 - Receipt of transactions from COPYTRON®-accounting systems
 - Storage of the transaction in a database
 - Reply to requests for card blocking
 - Time server for the accounting systems
- Functions of the HEDAS manager:
 - Setting up the services of HEDAS
 - Filtering and evaluation of the transaction data
 - Manual entry or import of card blocks
 - Export of filtered sales (csv)
 - Creation of printable invoices (PDF)
 - time-controlled e-mail dispatch of invoices
- Communication with the COPYTRON® accounting systems via UDP (source and destination port 60970)

id	card no.	card type	card status	card trans. id	trans. id	date	value net	value gross	value net	value gross	trans. delay
1	8130	P	0	0	192.168.1.7	1901	5.976	5.976	3000	0	
2	8130	P	0	0	192.168.1.7	1901	5.979	5.979	3000	0	
3	8130	P	0	0	192.168.1.7	1901	5.974	5.974	3000	0	
4	8130	P	0	0	192.168.1.7	1901	5.972	5.972	3000	0	
5	8130	P	0	0	192.168.1.7	1901	5.962	5.976	3000	0	
6	8130	P	0	0	192.168.1.7	1901	5.976	5.977	3000	0	
7	8130	P	0	0	192.168.1.7	1901	5.97	5.966	3000	0	
8	8130	P	0	0	192.168.1.7	1901	5.966	5.964	3000	0	
9	8130	P	0	0	192.168.1.7	1901	5.944	5.962	3000	0	
10	8130	P	0	0	192.168.1.7	1901	5.962	5.968	3000	0	
11	8130	P	0	0	192.168.1.7	1901	5.959	5.955	3000	0	
12	8130	P	0	0	192.168.1.7	1901	5.955	5.954	3000	0	
13	8130	P	0	0	192.168.1.7	1901	5.954	5.953	3000	0	
14	8130	P	0	0	192.168.1.7	1901	5.951	5.95	2	0	
15	8130	P	0	0	192.168.1.7	1901	5.95	5.945	12	0	
16	8130	P	0	0	192.168.1.7	1901	5.945	5.943	12	0	
17	8130	P	0	0	192.168.1.7	1901	5.943	5.94	12	0	
18	8130	P	0	0	192.168.1.7	1901	5.94	5.938	22	0	
19	8130	P	0	0	192.168.1.7	1901	5.938	5.936	22	0	

Ansicht HEDAS-Manager

COPYTRON® HEDAS		HOR electronic	
Umsatz-Daten vom:	01.06.2003	00:00:00	
Gesamt-Umsatz mit Kartentyp G:	23 784,542	EUR	
Umsatz mit Kartentyp G- in der Abrechnungsperiode:	1.282,674	EUR	
Gesamt-Umsatz mit Kartentyp P:	76 879	Punkte	
Umsatz mit Kartentyp P- in der Abrechnungsperiode:	3 194	Punkte	
Gesamt-Umsatz mit Kostenscheiben:	0	Punkte	
Umsatz mit Kostenscheiben in der Abrechnungsperiode:	0	Punkte	
Diese Umsatz-Daten wurden mit dem HEDAS-Manager anhand der gesammelten Transaktionen ermittelt.			
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System requirements

- Debian-Linux with Mono-Framework
or
Windows® or Windows® server with .NET-Framework 2.0 or higher
- Database server (MySQL or PostGreSQL)

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Windows® is a registered trademark of Microsoft®.

The HEDAS program package is an all-around solution for central tracking of all transactions. To protect against attacks, various techniques are implemented which extend the normal protection with a firewall (device authentication, IP filter, etc.). The packets transmitted over the network are encrypted. The HEDAS manager is password protected to prevent unauthorized use.

The HEDAS program package allows exact clearing so that costs and sales can be allocated to the appropriate departments. Despite the extensive possibilities, the operation is kept simple. Report profiles can be created for accounting purposes. These contain the filter setting, the output format, the time of creation and the output destination.