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## CALS/EC

A Development of Electropia system for CALS/EC Implementation in Electronic Industry

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## **Abstract**

The Electropia is a CALS/EC engine developed by the Korea CALS/EC Association composed of the government, several universities, and many small and big companies in korea, in order to develope and procure standard public parts, support electronic commerce, and make use of internet shopping mall and technical information owened in common. The Electropia system is a practical model based on up-to-date CALS/EC technologies to support major Korean Electronic Manufactures to cooperate in designing, purchasing and marketing processes. With this system, they could develop common parts, enhance their logistics and procurement capability, and provide more convenience to customers in their buying processes. This system is expected to raise the productivity and reduce material and marketing cost, which will essentially help to strengthen the competitiveness of Korean Electronic Industries in international marketing.

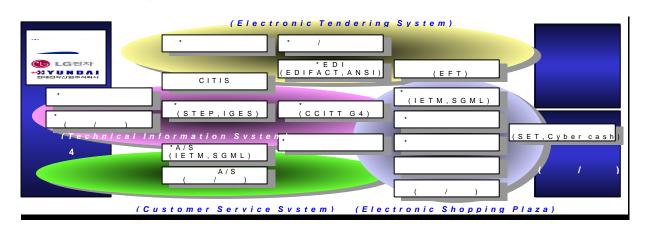
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MATIC(MAnufacturing Technology supported by advanced and integrated Information system through international Cooperation) 1995 5 APEC ,

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3.1 (Electronic Tendering System) CALS/EC 가 ELECTROPIA-ETS ( ) (Electronic Tendering System) INTERNET WEB-EDI ( P / O ) E D I <u>E-m</u>ail/Pager ☆ YUND∧I 현대전자산업주식회사 E D I ( E F T ) E D I 2> <

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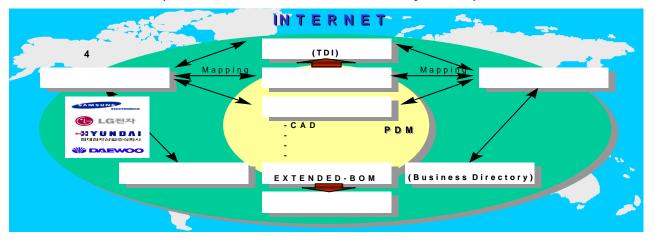
3.2 (Technical Information System )

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## ELECTROPIA-TIS (

(Technical Information System)



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3.3

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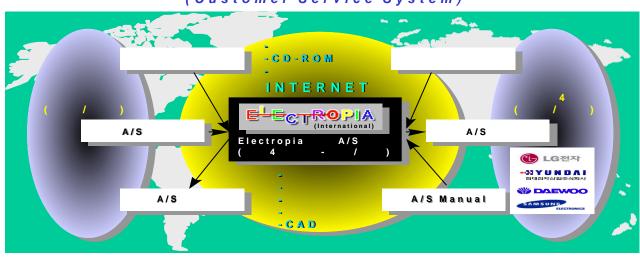
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(Customer Service System)



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3.4

(Electronic Shopping Plaza)

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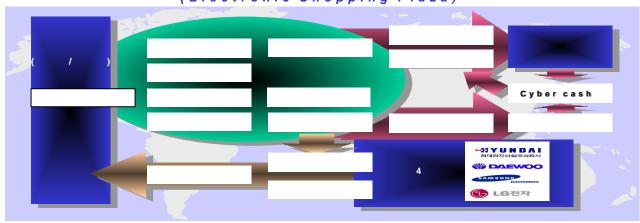
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## ELECTROPIA-ESP(

(Electronic Shopping Plaza)



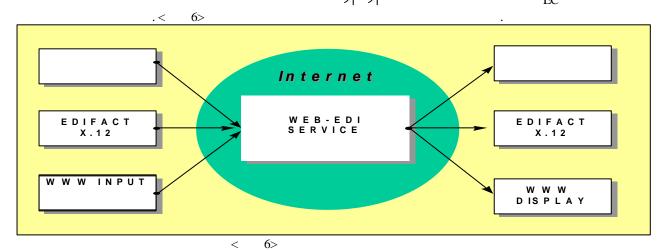
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3.5.1 Electropia-ETS(Electronic Tendering System:

Flectropia-ETS(Electronic Tendering System:

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(HTML, E-mail, EDIFACT ) . フト Web-EDI EDI

SMTP, ESMTP, X.400 E-mail FAX, TELEX Pager E-mail X.500 SSL Web . Web-EDI Web browser **EDI** EDI Download 가 Application Flatfile 가 Interface Web browser EDI Server Mailbox ( , 가 **EDI** EDI EDI 가, 가 EDI Server (Order Response) 3.5.2 Electropia-ESP(Electronic Shopping Plaza: Electropia-ESP(Electronic Shopping Plaza: ) 2가 Digital Cyber Cash Goods, Electronic Shopping Plaza , CALS/EC 128bit SSL, Public/Private Key Public Key Certificate, SET, SHTTP, MAC (DB ) end-to-, business-to-business, business-to-consumer, digital goods, physical goods, digital offer, digital receipt, subscriptions, digital coupon (Netscape, Microsoft, Oracle ) Netscape, Explorer HTTP, JAVA, VRML, MIME CALS/EC Electropia 가 CALS/EC Vision CALS/EC CALS/EC 가 3.6 CALS/EC 가

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[5] NIIP: http://www.niiip.org