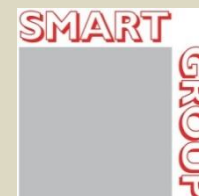# An overview of the threat from and available resources to combat counterfeit and fraudulently marked components

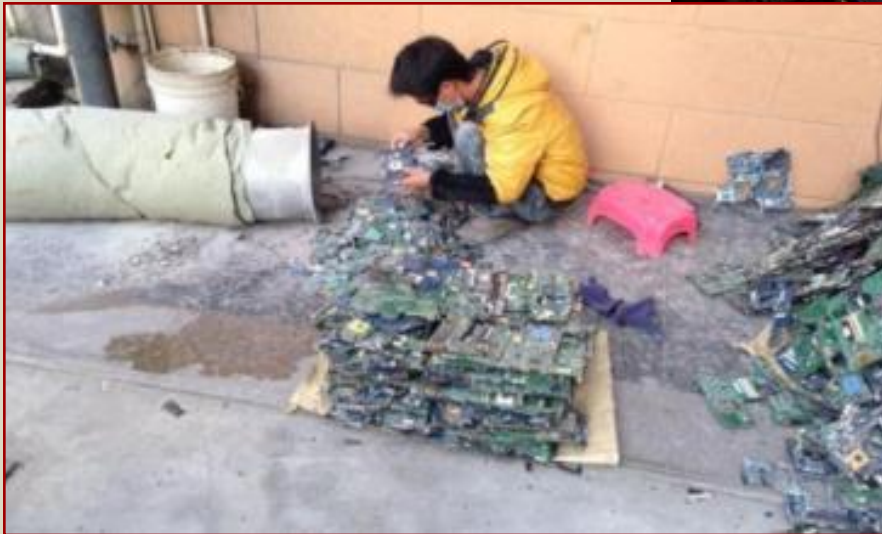**Roger Rogowski, ESCO**

18th June 2015

What is ESCO?

- Formed originally as the UK Electronics Alliance following the EIGT Report published by the DTI in 2005 to address *'the fragmented, diverse nature of the (electronics) industry, and its difficulty representing itself to Government and vice versa, (which has) led to delays in addressing some of the key issues which impact on its performance'*

- Following publication of the ESCO Report in June 2014, became ESCO comprising a Council of senior industrialists and Executive comprising the UK's leading electronics industry trade associations

- ESCO acts:
  - as a two-way communication channel between industry and Government departments and agencies
  - collaboratively with its members and other representative bodies
  - to further the interests of the UK electrotechnical systems community on a wide range of issues
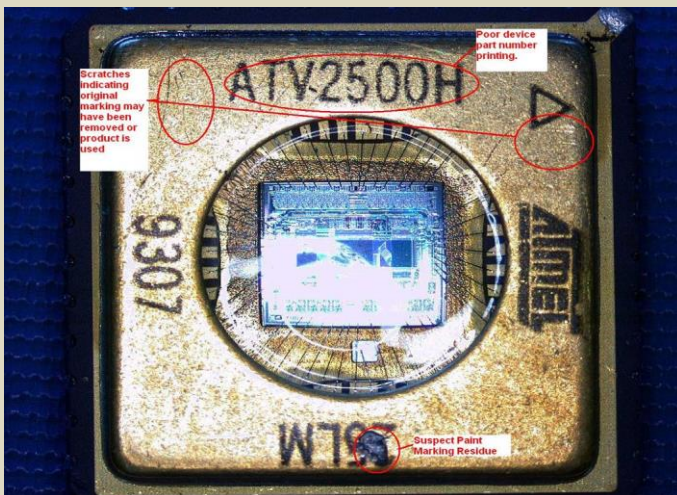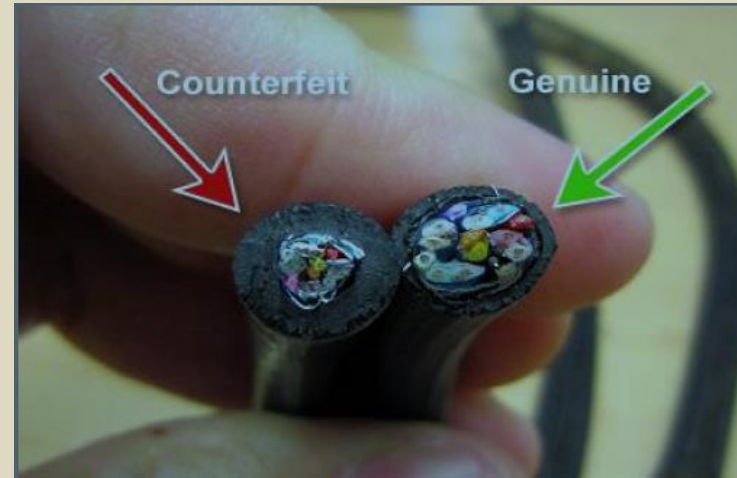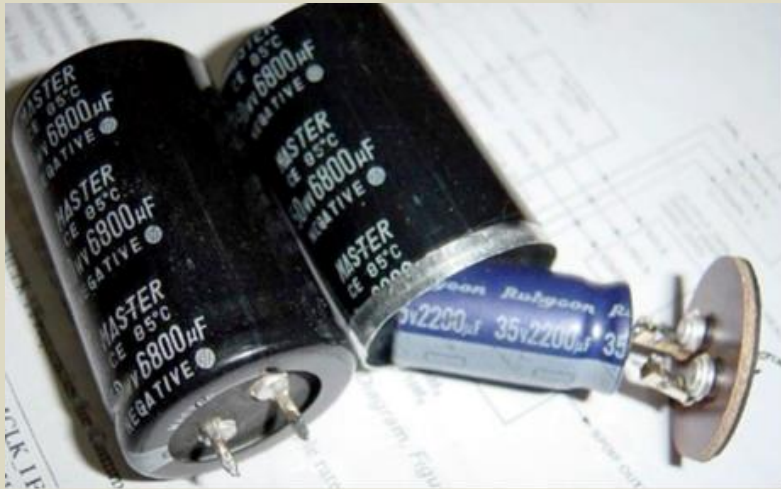
Counterfeit / fraudulent components are often meeting a supply shortage

Components are often 're-cycled' from illegally exported WEEE, 'cleaned up', re-marked with new date or batch codes, sometimes with higher spec codes....

....although there are multiple alternative sources including fraudulently recovered factory rejects, illegal manufacturing often with inferior or missing elements

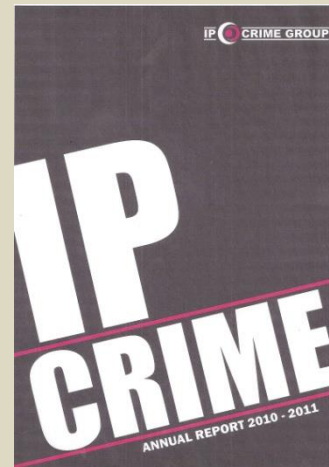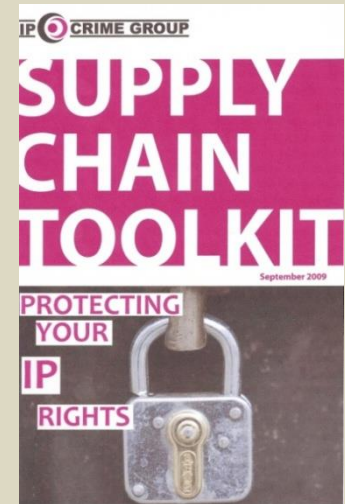# Counterfeit / fraudulent components can often be detected with fairly simple inspection

And poor sources of supply can often be identified with basic research

What is ESCO doing on counterfeiting?

- Established effective working relationships with key contacts in relevant Government departments: BIS, HMRC, IPO, MoD

- Works with ACI, BEAMA, GAMBICA and LIA within the Electrotechnical Market Surveillance group

- Member of the IP Crime Group

- Organises educational / information sharing events

- Contributes to / presented at other organisations' events

- Raises relevant regulatory issues via the ERG and the IP Crime Group

- Manages the Anti Counterfeiting Forum website

The website in numbers

as at 18 June 2015

1,500 visits per month on average

690 registered users

3,900 counterfeit parts on the database

621 articles, news items, papers, presentations, reports

94 solution providers

63 other organisations combating counterfeit components
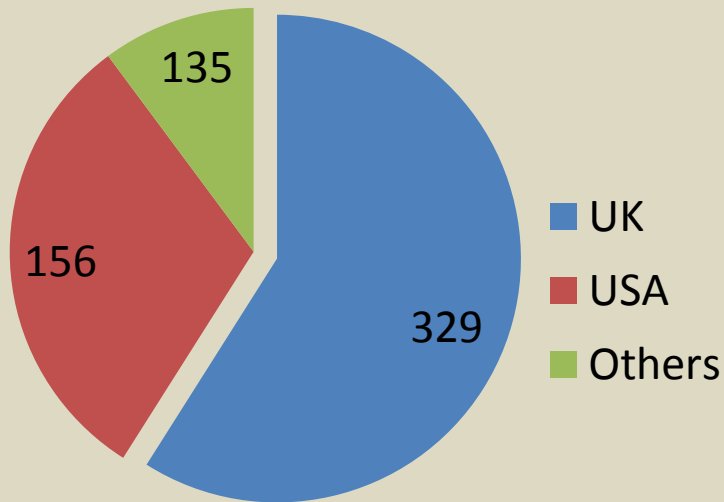
87 downloadable publications

38 items of best practice

6 'reliable' component source directories

ESCO
Electronic Systems Community

Where are our registered users based?

Registered users

- UK
- USA
- Others

329
156
135

Other countries include:

Australia Belarus Belgium
Brazil Canada China Czech
Republic Denmark
Egypt Finland France
Germany India Ireland
India Ireland Israel Italy
Japan Malaysia
Netherlands New Zealand
Norway Poland Russia
Serbia Singapore Slovenia
Spain Sweden Switzerland
Thailand

The website contains many interactive features

❑ Register for email alerts when new articles, best practice, events, papers, presentations, publications, reports, solution providers are added and a weekly digest of new counterfeit parts

❑ Search, comment on and upload new parts on the counterfeit component database

❑ Upload critical parts lists for immediate email alerts when new parts are added to the database

❑ Update your profile and password and customise your email alerts

❑ Send and receive private messages to other registered users

❑ Search website feature

❑ Remember my password

❑ 'Contact us'' button on every page

All free of charge!!

ESCO
Electronic Systems Community

Finally…

- Any questions?

Contact roger.rogowski@esco.org.uk

www.esco.org.uk

www.anticounterfeitingforum.com