

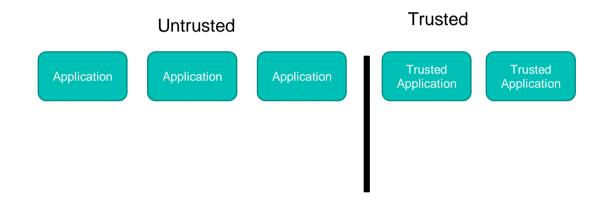
Systems & Software Security COMSM0050 2020/2021

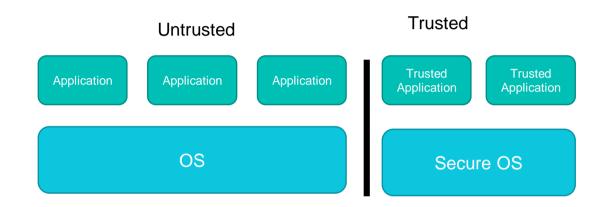


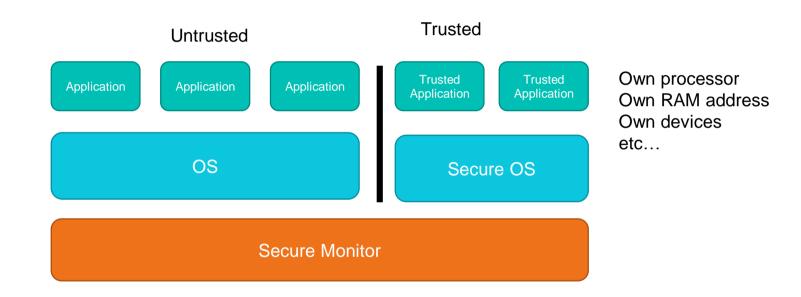


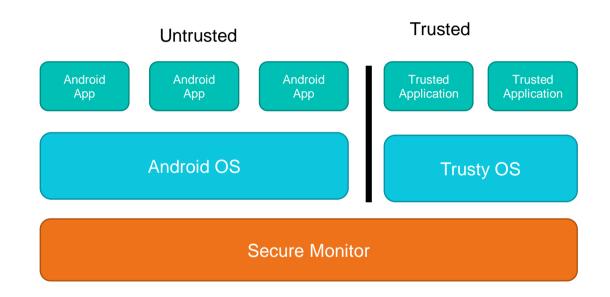
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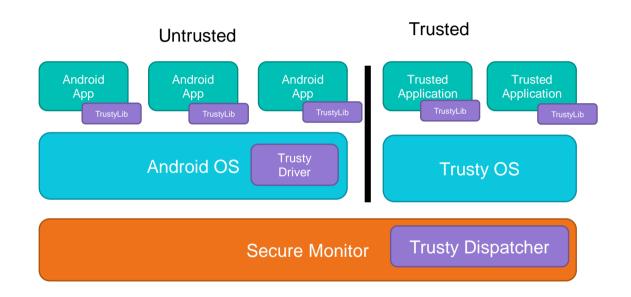
Untrusted

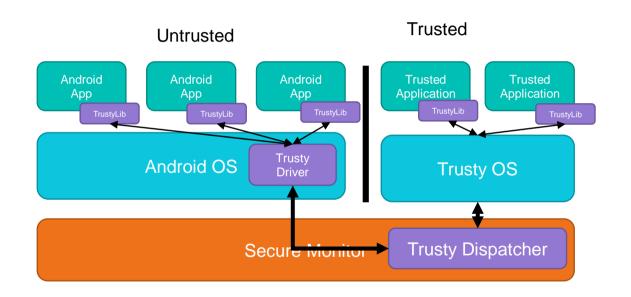


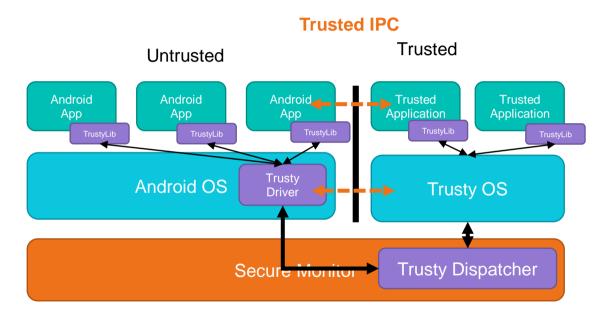












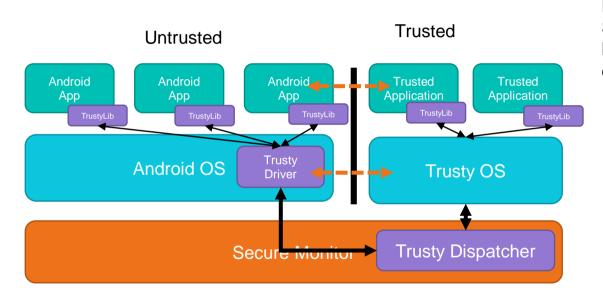
Trusted IPC example

- connect(path, flags)
- send_msg(handle, msg)
- get_msg(handle, *msg_info)
- read_msg(handle, id, offset, *msg)

Trusted service declare endpoints
Untrusted apps can connect and exchange with truted apps

Occur through driver + secure monitor

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Examples:
DRM
Secure banking
Multi-factor authentication
etc...