$GKHVLYH WDSHV DUH XVHG LQ HYHU\GD\ OLIH DV ZHOO DV LQ PDQ\ WHFKQLFDO DSSOLFDWLRQV. 2IWHQ,
DQG HVSHFLDOO\ LQ LQGXVWULDO DSSOLFDWLRQV, WKH YLUWXDO GHVLJQ RI FRPSRQHQWV DQG FRPSOH[
V\VWHPV KDV EHFRPH D URXWLQH WDVN IRU SURGXFW GHYHORSHUV. 9LUWXDO GHYHORSPHQW LV VXS-SRUWHG E\ VLPXODWLRQV RI WKH VWUXFWXUDO PHFKDQLFDO EHKDYLRXU. 7KH PDWKHPDWLFDO IRXQGD-WLRQ IRU WKLV LV WKH ILQLWH HOHPHQW PHWKRG DQG LWV DQDO\VLV, DFFRPSDQLHG E\ FRQWLQXXP
PHFKDQLFDO FRQFHSWV.
:LWKLQ PRGHUQ GHVLJQV, DGKHVLYHV SOD\ DQ LPSRUWDQW UROH. /LQNHG WR FRQWLQXXP PHFKDQ-LFV, PDWHULDO PRGHOV RI WKHVH DGKHVLYHV, GHVFULELQJ WKHLU EHKDYLRU, QHHG WR EH IRXQG DQG
VXEVHTXHQWO\ FDOLEUDWHG E\ SDUDPHWHUV. 7KH EDVLV IRU WKLV FDOLEUDWLRQ LV D VHW RI H[SHUL-PHQWDO WHVWV. 8QIRUWXQDWHO\, HYHQ ZLWK JUHDW FDUH LQ PDWHULDO SURGXFWLRQ DQG WKH KDQGOLQJ
RI VSHFLPHQV DQG WHVWV, D QDWXUDO VFDWWHULQJ RI PHFKDQLFDO PDWHULDO SURSHUWLHV RIWHQ DS-SHDUV.

$SSURDFKHV WR WDFNOH WKLV WRSLF FRXOG LQYROYH GHYHORSLQJ D PHWKRGRORJ\ WKDW DOORZV WKH
WUDQVIHU RI WKH VFDWWHULQJ RI H[SHULPHQWDO GDWD WR WKH SDUDPHWHUV RI PDWHULDO PRGHOV ZLWK
YDU\LQJ OHYHOV RI FRPSOH[LW\. ,Q GRLQJ VR, WKH IRFXV VKRXOG DOZD\V EH RQ WKH DSSOLFDWLRQ
DW WKH FXVWRPHU, ZLWK SDUWLFXODU DWWHQWLRQ JLYHQ WR WKH LPSDFW RI WKHVH QDWXUDO YDULDWLRQV
LQ PHFKDQLFDO EHKDYLRXU RQ D FRPSRQHQW'V IXQFWLRQ.
0DWKHPDWLFDO PRGHOOLQJ DSSURDFKHV WR GHVFULEH WKRVH HIIHFWV FRXOG LQFOXGH:
�x (YDOXDWLQJ WKH QDWXUDO VFDWWHULQJ LQ H[SHULPHQWDO GDWD,
�x LQWURGXFLQJ NQRZQ DUWLILFLDO VFDWWHULQJ WR DUWLILFLDO GDWD (H[SHULPHQWDO GDWD RU SD-UDPHWHUL]HG PDWHULDO PRGHOV),
�x HYDOXDWLQJ VWDWLVWLFDO GLVWULEXWLRQ IXQFWLRQV DIWHU (UH-)LGHQWLILFDWLRQ RI PDWHULDOV
PRGHO SDUDPHWHUV.
7KH WHVD 6(WHDP ZLOO EH KDSS\ WR GLVFXVV WKLV FKDOOHQJLQJ PRGHOOLQJ WDVN ZLWK \RX!

Contact at tesa:
'U. 2OLYHU *HKUPDQQ, 2OLYHU.*HKUPDQQ#WHVD.FRP
'U. 1LOV +HQGULN .U|JHU, 1LOV-+HQGULN..URHJHU#WHVD.FRP