

Hafi y'itumanaho rya Field - Ikoranabuhanga rihindura imikoranire idahuza

Ikoranabuhanga hafi ya Field Communication (NFC) ryagaragaye nkikintu cyingirakamaro cyoguhuza kiyambere, bigira ingaruka zikomeye kumikoranire yibikoresho ndetse no kwishora hamwe nibidukikije. Ikorera kuri megahertz ya 13.56 (MHz), NFC ituma habaho guhanahana amakuru hagati y'ibikoresho, ugasanga kwakirwa henshi mu bijyanye n'imari, ubwikorezi, n'isoko. Mubyukuri bishingiye ku guhuza inductive, NFC yorohereza ihererekanyamakuru mugihe ibikoresho bya NFC byinjijwe hafi, bikabyara umurima wa rukuruzi kugirango ubashe gutumanaho. Uburyo bukora kandi butajegajega butanga amakuru neza mugihe cyo kubahiriza protocole yumutekano. Ubwinshi bwa NFC bwatumye bwinjizwa mubikorwa bitandukanye, bihindura uburyo bwo kwishyura bushoboza ibicuruzwa bidaite kanda kuri terefone. Byongeye kandi, NFC yoroshya gusangira amakuru hamwe nuburyo bwo guhuza ibikoresho, byongerera uburambe bwabakoresha. Ibirango bya NFC mubitangazamakuru bitandukanye bitanga uburyo bwihuse bwo kubona amakuru, guhuza ibintu bifatika na digitale. Byongeye kandi, NFC itanga uburyo bwo kugenzura umutekano muri domaine zitandukanye nko kubaka ibyinjira no gutambuka. Umutekano ukomeje kuba uwambere mu ikoranabuhanga rya NFC, hamwe na encryption hamwe na protocole yo kwemeza irinda ubusugire bwamakuru n'ibanga ry'abakoresha. Urebye imbere, NFC ifite amasezerano muri domaine zigaragara nko kugurisha amatike yubwenge, kwemeza ibicuruzwa, no guhuza IoT. Ibintu byizewe, harimo chip yashizwemo cyangwa amakarita ya SIM, birusheho gushimangira ibikorwa bya NFC, byemeza abakoresha ikizere nicyizere mubuhanga. Nka tekinoroji ya NFC igenda itera imbere, kwinjiza byimbitse muri terefone zigandanwa no kwambara byizeza imikorere myiza hamwe no guhuza nta nkomyi. Gukemura ibibazo nkibikorwa byimikorere nibibazo byihariye ni ngombwa mugukingura ubushobozi bwa NFC. Mu gusoza, tekinoroji ya NFC yahinduye imikoranire yibikoresho no kwishora muburyo bwa digitale, itanga uburyo bwizewe kandi bworoshye bwo guhuza. Hamwe nubushakashatsi nubufatanye bikomeje, NFC ikomeje gutera imbere, igena ejo hazaza h'imikoranire idahwitse nisi ikikije isi.