

Knowledge, know-how, uses of know-how, ideas and information are inherently non-scarce. They are **polyexistentials**. Unlike monoexistentials which exist in singular, polyexistentials naturally exist in multiples and are inherently not scarce.

What is abundant in nature is being made artificially scarce through man-made ownership rules called copyright and patents. These ownership rules then permit a certain group which usually take the form of corporations to economically profit from these unnatural and economically motivated artificial scarcities.

In this book we analyze the topic of Intellectual Property Rights (IPR) from a new perspective. The topic of restriction of polyexistentials and Western IPR are one and the same. Yet, the concept of polyexistentials has not appeared in prior discussions of this topic. This is the very first time that the concept and the word “polyexistentials” are being introduced.

The model of polyexistence makes it easy to demonstrate that the concept of Intellectual Property is invalid. This proof is based on logic that is rooted in nature of existence and nature of possession and the requirement for ownership to be in harmony with nature of possession and existence.

Having rejected the Western IPR regime as an erroneous model for governance of polyexistentials, we introduce the **Libre-Halaal model of governance of polyexistentials** towards facilitating conviviality of tools.

We then focus on the digital world and introduce the **The Libre-Halaal By\* (ByStar) Digital Ecosystem**, as a moral alternative to the existing proprietary American digital ecosystem. Equipped with a multidisciplinary blueprint, we offer our initial implementation of the ByStar digital ecosystem as a starting point towards concrete solutions.

Today's American Internet is mostly a business construct. The current basic model of Internet is rooted in the rise-of-the-middle model of corporations exploiting the individual. The engineering architecture of the proprietary internet application services is very central. Proprietary American corporations the likes of Google, Facebook, Amazon, Microsoft and Apple are positioned in the middle and monitor, control and exploit citizens of the world.

The engineering architecture of Libre-Halaal ByStar Digital Ecosystem is distinctly different. The multidisciplinary blue print that we have provided can be the basis for de-Americanization, de-IPR-ization and **redcentralization** of internet application services. Unlike the central and rise-of-the-middle model of American internet application services, ByStar design is highly distributed, decentralized and end and edge oriented. Each citizen of the world is offered his/her own **Possession Assertible Libre-Halaal Service (PALS)** Through guarantees of possession assertability, PALS provide for tangible autonomy and privacy for individuals and for societies.

In the ByStar model each nation and each culture adopts and nationalizes the publicly owned (humanity owned) global ByStar digital ecosystem software consistent with its own values — while preserving the universal ByStar model of autonomy and privacy of the individual. This is very different from the proprietary American model of exploitation and this is also very different from national reactions and responses to the proprietary American model.

The core software of Bystar Libre-Halaal Services is the **Universal BISOS (ByStar Internet Services Operating System)**. The entirety of BISOS is Libre-Halaal software. Engineering design of BISOS is towards redcentralization of internet application services and privacy and autonomy of the individual.

We are pro-business. We are devout monoexistential bounded-corporations capitalists. The existing capitalist model for monoexistentials is generally correct, in both philosophical and economic terms. But the

extension of the monoexistential capitalist model into the domain of polyexistentials, based on the Western IPR regime, is a grave mistake. To address this mistake of American Capitalism, we introduce the model of **Global Polyexistential Capitalism** as an **Attribution Based Economy** towards correcting the existing IPR rooted Ownership Based Economy of American Capitalism. Deep understanding of the strategy that we outline in this book, makes it clear that Polyexistential American Capitalism is very vulnerable.

Our ultimate goal for all of this has been to influence societal policies towards adoption of halaal manner-of-existence of polyexistentials. We recognize that adoption of such societal policies in America is likely not possible and their adoption in the West is likely very difficult. Therefore, we focus on Eastern societies in general and Iran and China in particular.

It is only through full rejection of Western IPR regime and its deep roots in Americanism that humanity can be rescued.