

# The Libre-Halaal ByStar (By\*) Digital Ecosystem

## An Overview With Pointers For Digging Deeper

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## About This Presentation - Outline

This [PLPC-180054](#) Is Available In The Following Formats:

[Presentation-HTML](#), [Pres-Article-HTML](#), [Presentation-PDF](#),  
[Pres-Article-PDF](#).

By\* [Elevator Pitch Videos](#) • Three short videos in English/Globish, French and Persian/Farsi

Problem: [Autonomy And Privacy Are Being Crushed – Humanity Is In Danger](#) • We are all responsible. And the engineering profession in particular

[Overview Of The Libre-Halaal By\\* Digital Ecosystem](#)  
[Pointers For Digging Deeper In Relevant Dimensions](#)

English/Globish: Libre-Halaal By\* Introductory Video

French Libre-Halaal By\* Introductory Video

Farsi Libre-Halaal By\* Introductory Video

# English/Globish: Libre-Halaal By\* Introductory Video

English/Globish: Libre-Halaal By\* Introductory Video  
French Libre-Halaal By\* Introductory Video  
Farsi Libre-Halaal By\* Introductory Video

# French Libre-Halaal By\* Introductory Video

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Farsi Libre-Halaal By\* Introductory Video

# Farsi Libre-Halaal By\* Introductory Video

Problem: Individual's Autonomy And Privacy Are Being Crushed

# Problem: Individual's Autonomy And Privacy Are Being Crushed

Civilization And Humanity Are In Danger

The Proprietary American Model has unleashed certain dynamics that result into full domination of corporations over individuals.

The Western Intellectual Property Rights (IPR) is a colossal mistake that reinforces these dynamics towards destruction of more of the individual's autonomy.

Those responsible for safeguarding the public interest – government and the engineering profession – are sleep at the wheel.

# The Libre-Halaal By\* Digital Ecosystem

A Unified and Non-Proprietary Model For Autonomous Internet Services

A Moral Alterantive To The Proprietary American Digital Ecosystem

Main Entry Points:

[www.by-star.net](http://www.by-star.net) – PLPC-180016

Reading RoadMap:

[www.by-star.net/bxRoadmap](http://www.by-star.net/bxRoadmap)

Idealogy:

Poly-Existence & Rejection of IPR – Libre-Halaal

By\* Central:

Libre-Halaal Foundation

Overviews:

By\* Publications:

Business Plan:

Joining ByStar:

Ne

## ByStar Multi-Disciplinary Panorama

- Overview Of The ByStar Model
- Philosophical And Ethical Dimensions – Definition Of Libre-Halaal Internet Service
- Software Of By\* and By\* As Software – BISOS (By\* Internet Application Services OS)
- ByStar Internet Services – The ByStar Web Collective
- By\* Software-Service Continuums – ByStar User Environments
- ByStar Central
- Business And Economic Dimensions – Neda Open Business Plan
- Social And Societal Impact – As Examples



# The Model Of Self Regulation Of ByStar DE

## Freedom Oriented Restrictions

Ab initio and by choice we are restricting ourselves in the Libre-Halaal By\* Digital Ecosystem in a number of areas:

- All ByStar software must be internally transparent.
- All ByStar internet services must be internally transparent and reproducible.
- Individuals must be in full control of their own ByStar Autonomous representations.

Such basic initial restrictions, then permit healthy organic growth of the digital ecosystem.

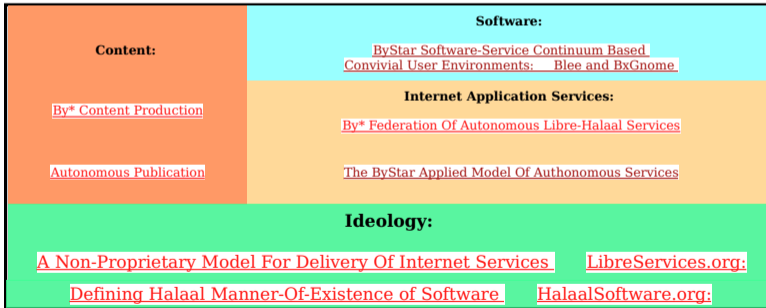
# Scope, Scale And Extent Of The Libre-Halaal ByStar Digital Ecosystem

- Scope Of By\* Services Is ALL Services. \* is in By\* is the globing symbol.
- Scale of By\* is the entire planet.
- By\* 's fundamental design spans most cultures. Societal restrictions can then further tailor By\*.

Introducing ByStar  
**An Overview Of ByStar Model**  
Manner-Of-Existence Of Internet Services

ByStar Multi-Disciplinary Panorama  
The Model Of Self Regulation Of ByStar  
Scope, Scale And Extent Of ByStar  
**Ideology, Software, Services, Content**  
Proprietary American Model Vs Libre-Halaal Model  
Overview Of ByStar Model And Terminology  
By\* Platform (BxP) Realization Models  
Overview Of ByStar Concepts And Terminology  
Types Of By\* Libre-Halaal Services

# Ideology, Software, Services, Content



## Proprietary American Digital Ecosystem

## Libre-Halaal

Ideaology:

IPR, Open-Source Software, Mono-  
Existential Capitalism

Libre-Halaal Poly-  
Capitalism

Software:

Linux + Proprietary

Linux + BISOS

Services:

Totally Proprietary – Surveillance Based

Autonomy Oriented

Content:

Mostly Proprietary

Purely Libre-Halaal

Results:

Corporate Dominance, Constant Surveil-  
lance

Protection Of Au-

## Overview Of ByStar Model And Terminology

- Abstractions of real world entities in By\* Digital Ecosystem (By\*DE) are By\*Entities (BxE) which can be realized as By\*Objects (BxO).
- ByStarPlatforms (BxP) are BISOS (ByStar Internet Services OS) based devices or VMs that can host BxOs. BxOs as realization of same BxE can simultaneously exist and can be taken/ported to different BxPs.
- Real world Autonomous Entities (Individuals and Corporations) are abstracted as ByStarAutonomousEntities (BxAE). BxAEs can then create and control ByStarControlledEntities (BxCE).
- ByStar capabilities and services facilitate end-to-end communications, collaboration and interactions among BxAEs and/or BxCxEs

# Types Of Realization Of By\* Platform

Be You Own ASP – Or Use An ASP

On-Premise BxP:

Collocated BxP:

Hosted Private BxP:

Hosted Shared BxP:

Do It Yourself (DIY) By\*

Service-In-A-Box (At Home)

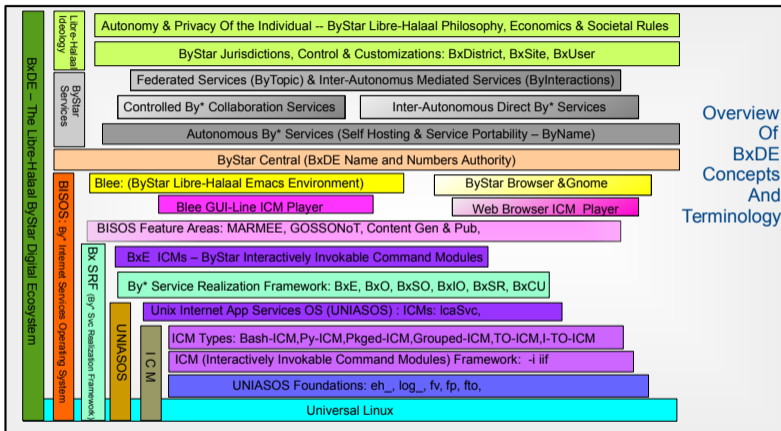
Service-In-A-Box (Data-Center)

Private Cloud

We Do It For

Private Cloud

Public Cloud



Overview  
Of  
BxDE  
Concepts  
And  
Terminology

## Types Of By\* Libre-Halaal Services

All ByStar Internet Services Conform To The Definition Of:  
Libre-Halaal Internet Services

- Autonomous By\* Services – Self-Hosted (Be-Your-Own-ASP) Or Subject To Service Portability
- Controlled By\* Services – Under control and responsibility of an AutonomousEntity. Examples: a location, a forum for collaboration
- Direct Inter-Autonomous By\* Services – For serviecs such as group video chats (Skype replacement)
- Federated By\* Services – For autonomy oriented replacment of Youtube, Github, etc



# Definition Of Libre-Halaal Internet Services

## Libre-Halaal Internet Services

[LibreServices.org](http://LibreServices.org)

Defining Halaal Manner-Of-Existence Of Internet Services

A non-proprietary model for delivery of Internet services [PLPC-180045](#)

## Libre-Halaal Software

[HalaalSoftware.org](http://HalaalSoftware.org)

Defining Halaal Manner-Of-Existence Of Software [PLPC-180044](#)

Introducing Halaal and Haraam into Globish  
Based on Moral Philosophy of Abstract Halaal -- And Defining The Libre-Halaal  
Label

[PLPC-120039](#)

The Nature of Poly-Existentials:  
Basis for Abolishment of The Western Intellectual Property Rights Regime

[PLPC-120033](#)

# ByStar Autonomous Services Requirements

Tangible	(1) Software Transparency -- <a href="#">Libre-Halaal Software</a>
	(2) Service Transparency -- <a href="#">Libre-Halaal Services</a>
	(3) Service Possession Assertion -- <a href="#">(ByStar)</a>
Service	(4) Services Control -- <a href="#">(ByStar)</a>
Autonomy	(5) Service Portability -- <a href="#">(ByStar)</a>
Requirements	(6) Service & Information Non-Retention -- <a href="#">(ByStar)</a>

# Software Of By\* and By\* As Software

The Universal BISOS

BISOS: ByStar Internet application Services OS

- BISOS Core Features
- BISOS Feature-Areas And ByStar Capabilities

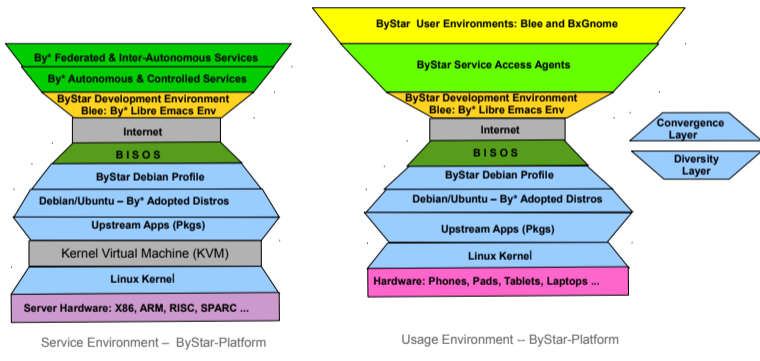
BISOS Software Feature-Areas Provide For By\* Service Capabilities

By\* Services and BISOS User-Environments Then Enable

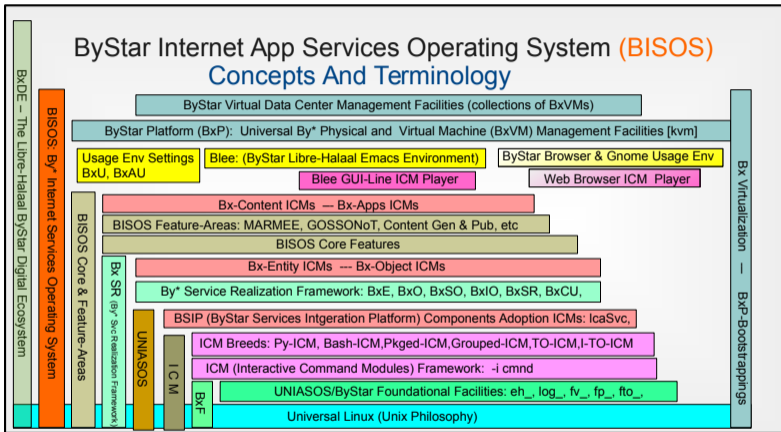
## ByStar Software-Service Continuums

# ByStar-Platform (BxP) Layerings

Creation Of ByStar's Deep Software-Service Continums Through Universalities of Debian, Emacs and BISOS



# ByStar Internet App Services Operating System (BISOS) Concepts And Terminology



# BISOS Core Features And Feature-Areas

## BISOS Core Features

BLEE (By\* Libre-Halaal Emacs Environment) and BxG-  
nome  
COMEEGA (Collaborative Org-Mode Enhanced Emacs  
Generalized Authorship  
ICM (Interactive Command Modules) and ICM Players  
ByStar Bootstrapings (Hosts, VMs and Web Factories)  
BxE/BxO Credentials and Synchronization (PKCS, Git-s)

## BISOS Feature

Autonomous Content Authorship, Ge  
tion  
Inter Personal Communications (MA  
Multi-Media Organization and Cons  
Genealogy (Geneweb)  
GOSSONoT (Generalized Open-Sou

# By\* Services: Phase-1 By\* Web Collective

Anonymous By* Services	<a href="#">ByAnonymous</a>	<a href="#">ByLeaks</a>			
Inter-Autonomous Interactions Facilitaion	<a href="#">ByInteraction</a>	<a href="#">ByHookUp</a>			
Federated By* Services	<a href="#">ByTopic</a>	<a href="#">ByContent</a>	<a href="#">BySource</a>	<a href="#">BySearch</a>	<a href="#">ByLookUp</a>
Controlled By* Services	<a href="#">ByFamily</a>	<a href="#">ByWhere</a>	<a href="#">ByMemory</a>	<a href="#">ByEntity</a>	
Autonomous By* Services	<a href="#">BySMB</a>	<a href="#">ByName</a>	<a href="#">ByAlias</a>		
ByStar Central	<a href="#">ByStar</a>	<a href="#">BySource</a>	<a href="#">ByBinary</a>		
	<a href="#">Neda</a>	<a href="#">LibreCenter</a>	<a href="#">Free Protocols</a>	<a href="#">Libre Services</a>	Halaal Software

# Mapping Of By\* Services To Existing Services

Autonomous Entities:

Controlled Entities:

Federated Services (Content Syndication):

Inter-Autonomous

## Libre-Halaal ByStar DE

ByName, BySMB, ByAuthor, ByArtist

ByWhere, ByMemory, GOSSONoT

ByTopic, ByContent, BySearch

MARMEE



# ByStar Central

- The Libre-Halaal Foundation – non-profit, non-proprietary
- ByStar Name and Number Assignment Authority: EntityId Assignments,
- Software Distribution: BySource.org, ByBinary.org, Debian, PyPi, Emacs-Repos

## Implementation Infrastructure:

- Neda Communications, Inc. – for-profit, non-proprietary
- LibreCenter.net – Data Center, Private Clouds
- Hosted ByStar Services
- Asserted/Possessed ByStar Services

# Neda's ByStar Open Business Plan

Poly-Existential Capitalism

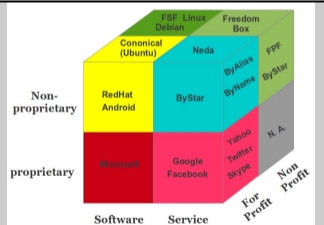
[The Libre-Halaal ByStar Digital Ecosystem Business Strategy](#)

[An Inversion to the Proprietary Internet Services Model](#)

[Neda Communications, Inc.'s Open Business Plan -- PLPC-180014](#)

### The ByStar Economics Model:

[Global Poly-Existential And Mixed-Existential Capitalism  
Business Operations In The For-Profit and Non-Proprietary  
Quadrant](#)



# Design Big - Build Gradually

- Phase 0 **Big Design**
- Phase 1 **Autonomous+Controlled Entities**
- Phase 2 **Large Scale Phase 1**
- Phase 3 **Initial Federated & Interactions Services**
- Phase N **Large Scale Full Implementaton**

Philosophy, Model,  
BISOS, ByName, B  
ByEntity Web Facto  
ByTopic, BySearch,  
Interactions Facilita

## Examples Of ByStar's Evolutionary Impacts

Autonomous Entities:

mohsen.1.banan.byname.net – <http://andrew.ham moude.1.byname.net>

Controlled Entities:

1-98008-5807-10.bywhere.net – [libreservices.com](http://libreservices.com)

Self-Publication:

plpc-120033 – [personalpubs.com](http://personalpubs.com)

Private Communications:

bystarplan@mohsen.1.banan.byname.net

Autonomus Private Capabilities:

genealogy – [contact page](#)

Design Big – Build Gradually  
Examples Of Evolutionary Tangible Social And Societal Impacts  
Joining ByStar – Individually And En-Mass

Joining ByStar As A Group	A Strategy For Rapidly Becoming An Internet Application Service Provider Joining, Adopting and/or Licensing ByStar <u>A Public Unsolicited Proposal</u>
Joining ByStar Individually	<u>(1) Recognize Importance Of Your Privacy and Autonomy</u>
	<u>(2) Obtain Your Private ByStar Account</u>
	<u>(3) Obtain Your By*-Autonomous-Server (or Virtual-Server)</u>
	<u>(4) Fully Control Your By* Account and Your Autonomous Service</u>