

# CASE STUDY

## DRIVETHRU APPLICATION FOR A LEADING HUMAN INTERFACE SOLUTION PROVIDER

InfoFaces collaborated with the client to build a software application with an upstanding UI Interface to manage the overflowing of software license key and user data records with a high authentication (LDAP) mechanism. Our client is one of the premiere provider of touch sensitive interface solutions across the globe, providing the screen navigation, cursor movement, application control, and a platform for interactive input to the enterprises with reliability, accuracy, advanced driver features and customized user preference experience to the customers.

**InfoFaces**  
Thinking Straight Ahead

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## CLIENT

Our client is one of the premiere provider of touch sensitive interface solutions across the globe, providing the screen navigation, cursor movement, application control, and a platform for interactive input to the enterprises with reliability, accuracy, advanced driver features and customized user preference experience to the customers.

## PROBLEM STATEMENT

The application used by the client for monitoring software 'license key' and user data records could not scale up to manage the growing complexity of data explosion; it was unable to handle the daily growing feed of records from their external systems. It also lacked an integrated workflow to process the records and a rich UI to cater the needs, leading to inconsistent and inefficient processing. Multiple customization options were not able to add in their system, because of which our client was unable to handle the growing business needs. InfoFaces collaborated with the client to build a software application with an upstanding UI Interface to manage the overflowing of software license key and user data records with a high authentication (LDAP) mechanism.

## SOLUTION OVERVIEW

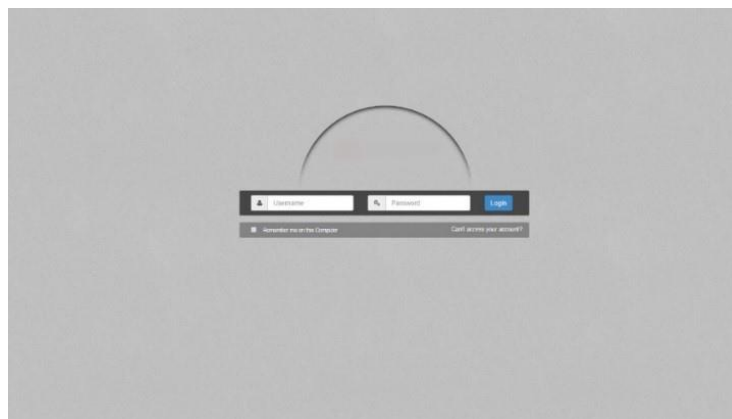
InfoFaces designed and implemented a new, flexible and highly configurable application providing the following solutions to the client:

- Added search feature to search single user
- Added global search feature to search from the list of users who has a license key in a customer account
- Added record entry option to the list of records list containing 10, 20, 30, 50 & 100 user records displaying in each page
- Removed pagination from the current user administration window
- Added navigation panel to main UI for the user to switch between any page directly without hitting the home page
- Export feature as an Excel sheet and PDF file was added based on user's selection
- Offered user-friendly customization options like profile, theme and selection of landing page etc.
- Designed an upstanding UI Interface
- Implemented LDAP security mechanism for 2-level authentication

Completed the implementation within 16 weeks with a total of 50 APIs and 30 screens. The project involved 4 development and 2 testing resources.

## BENEFIT REALIZATION

- Workflow was optimized to the complete level.
- Improved overall efficiency in retrieving data from database
- Greatly reduced the time taken to process the user's records
- Added user customization module using powerful spring framework
- Brought down the manual cost of operations.
- Brought about real-time access and productivity by consuming less time
- The user interface was rendered with the latest UI technologies to make the user experience more attractive and interactive.



Home - User Administration

Customer Name: [Dropdown] [Add] [Delete]

No. of Rows to Display: [10] [20] [50]

#	Customer Name	User Name	Type	Version	No. of CPU Allowed	Exp.	Expiration Date
1	ABC	John	Admin	V5	20	AB1234567	02/20/14
2	XYZ	John	Admin	V5	20	8017401	02/20/14
3	DEF	Charles	Manager	V5	5	127AB008	05/08/14
4	GHI	Wright	John	V5	20	17AB111	08/08/14
5	JKL	Admin	Wright	V02	50	17AB11	10/20/14
6	MNO	Manager	Tom	V5	80	17AB008	02/20/14
7	PQR	Wright	John	V5	20	17AB111	08/08/14
8	STU	Admin	Wright	V02	50	17AB11	10/20/14

Showing 1 to 8 of 8 entries

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Home - Software Administration

Software Type: [Customer Name] [Dropdown]

Software Version: [Input] [Add] [Delete]

No. of Rows to Display: [10] [20] [50]

#	Customer Name	User Name	Type	Version	No. of CPU Allowed	Exp.	Expiration Date
1	ABC	John	Admin	V5	20	AB1234567	02/20/14
2	XYZ	John	Admin	V5	20	8017401	02/20/14
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8	STU	Admin	Wright	V02	50	17AB11	10/20/14

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Home - Software Request

Customer Name:  Add of CPU Allowed:

User Name:  Software Ver:

Software Type:  Software Expiration Date:

Software Version:  Price:

No. of Rows to Display:

#	Customer Name	User Name	Title	Version	No. of CPU Allowed	No.	Expiration Date
1	XXXXXXXX	john	Admin	V1	15	85574877	12/25/14
2	XXXXXXXX	John	Admin	V1	25	85574877	08/25/14
3	XXXXXXXX	Charles	Manager	V12	5	75748528	05/28/14
4	XXXXXXXX	Wright	John	V12	25	27487217	08/28/14
5	XXXXXXXX	John	Wright	V12	25	754227	10/25/14
6	XXXXXXXX	Manager	John	V12	25	27487217	05/25/14
7	XXXXXXXX	Wright	John	V12	25	27487217	08/28/14
8	XXXXXXXX	Admin	Wright	V12	25	758217	10/25/14

Showing 1 to 8 of 8 entries

Home - Customer Administration

No. of Rows to Display:

#	Customer Name	User Name	Title	Version	No. of CPU Allowed	No.	Expiration Date
1	XXXXXXXX	john	Admin	V1	15	85574877	12/25/14
2	XXXXXXXX	John	Admin	V1	25	85574877	08/25/14
3	XXXXXXXX	Charles	Manager	V12	5	75748528	05/28/14
4	XXXXXXXX	Wright	John	V12	25	27487217	08/28/14
5	XXXXXXXX	John	Wright	V12	25	754227	10/25/14
6	XXXXXXXX	Manager	John	V12	25	27487217	05/25/14
7	XXXXXXXX	Wright	John	V12	25	27487217	08/28/14
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