



VERIPARK



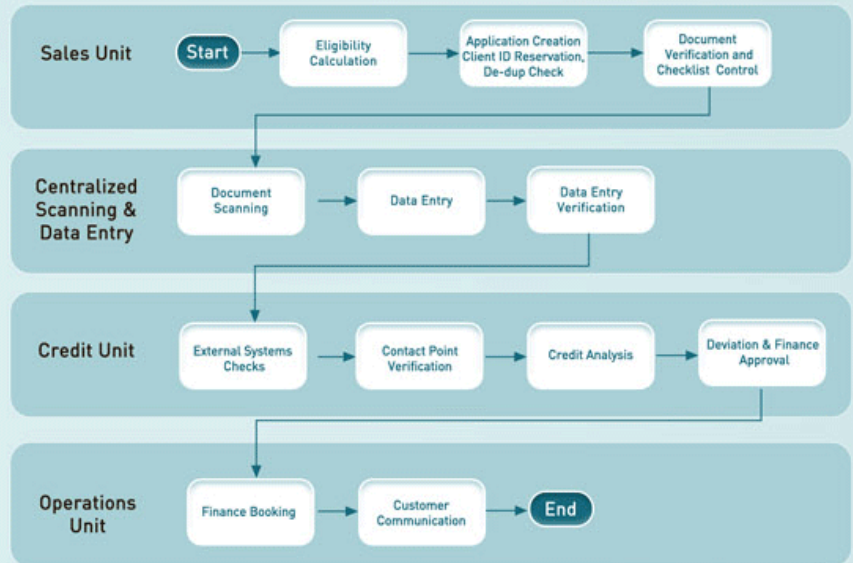
Microsoft®
Office SharePoint
Server 2007

VeriLoan

Loan Origination Solution

- **Eligibility Calculators**
 - Policy Based Calculators
 - Web, Call Center, CRM Interfaces
 - Black List Checks
 - Dedup Warnings
 - Employer Listing Based
- **CRM Integration**
 - Deduplication
 - Application History
 - Eligibility Check at Call Center
 - Lead Capture at Call Center
- **Systems Check**
 - Internal Black List
 - World Check
 - Central Bank Checks
 - Credit Bureau Scoring
- **Loan Workflows**
 - Origination
 - Sales
 - Documentation
 - Blacklist
 - Processing
 - Appraisal
 - Lien
 - Underwriting
 - Disbursement
 - Closing
 - Post Closing
 - Servicing
- **Rule Engine**
 - System Parameters Definition
 - Rule Definitions
 - Eligibility Analysis
 - Escalation Rules
 - Scoring Logic
- **Integration Module**
 - Central Credit Integration
 - Core Banking Integration
 - Certificate of Identification
 - Authentication Integration
 - Local Address Database System Integration
 - Earthquake Hazard Database Integration
- **MIS Dashboard**
 - Queue Performance Report
 - TAT Report
 - Ageing Applications Report
- **Back Office**
 - Security
 - Commissions
 - Reporting
 - Provider Management
- **Servicing**
 - Payment Collection
 - Delinquency
 - Intelligence
 - Disbursement
 - Insurance
 - Collateral Repository Management
 - Re-financing with Automatic Notification Options
 - Legal Letter Preparation and Automatic Delivery
 - Relationships with Investors
 - Investor Reporting
 - Internal Auditing/ Behavioral Scoring
 - Reporting

VeriLoan is a web based lending automation for financial institutions. The software allows faster turnaround times while strictly enforcing related product's credit policy rules throughout the process. VeriLoan automates the complete loan origination process from application stage to scanning, from systems check to deviations, from underwriting to financial approvals and finally to operational steps.



VeriLoan offers automation for three retail products:

Personal Loans **Credit Card Processing** **Mortgage – Home Financing**

VeriPark's Loan Origination Solution software, VeriLoan provides banks and mortgage companies the efficiency, manageability and speed required, by enabling loan origination processes (corporate or consumer bank loans/mortgage loans) with minimum redundancy and manual operations. Together with maximum automation and investment security, VeriLoan supports the flow of numerous processes that reflect a financial organization's preferences.



VeriLoan brings about faster turnaround time with its focus on paperless processes. VeriLoan tracks all business processes online, from pre-application to application and acceptance. In this manner, loan applications processes are generally finalized in four hours. Additionally, the application supports loan origination processes for secured products such as auto and home and non secured products such as personal loans and credit cards.

General | Personal | Communication | Work | Financial | Illiquid Assets | Liquid Assets | Seller | Property | Co-borrower & Co-signer | Insurance

WORK INFORMATION

Are You Retired of Any Organization? Yes Employment Status Government
 Title CEO Profession Computer Engineer
 Employment Period 5 Year(s) 0 Month(s) Sector Finance

LOAN INFORMATION

Loan Purpose Purchase new house Loan Amount / Currency 25,000.00 USD
 Term (Months) 48 Loan Type Fixed Interest Rate
 Other Bank Debts Intended use of Loan

PROPERTY INFORMATION

Estimated Property Value 100,000.00 USD Property Purpose Accommodation

FINANCIAL INFORMATION

Monthly Income 5,000.00 USD Monthly Expenditures 1,500.00 USD
 Income Currency USD Installment Amount You Planned to Pay 1,000.00 USD

Previous Next

The user-friendly solution, VeriLoan integrates dynamic workflow and assignment management modules with an exterior workflow application, offering financial institutions advanced functionality through multiple organizations, such as branches, brokers, dealers, law offices and official appraisers.

Deduplication Logic

Powerful deduplication logic enables early detection of both existing customers and previous applicants early in the application stages. This feature prevents costly rejections by detecting previously rejected prospects even at the sales cycle. In VeriLoan you can configure various deduplication rules based on the availability of the data.

Intelligence Inquiry

This segment provides manual and automatic intelligence inquiry through various governmental institutions such as credit registration bureaus and central banks. VeriLoan provides contact point verification automation, recording details of applicants' phone calls to their employer or residence, for example.

5203860 - ZÜLFER ÖZTÜRK

Application Details

Intermediary Company Branch Balmumuk Sube
 Customer vLoanOfficer Pre Application date 10.12.2009
 Representative Application Date 10.12.2009 Application Number 5203860

Requested Loan Details

Loan Amount 10,000.00 USD Term (month) 72
 Interest Rate (%) 0.74

Loan Details

Loan Type Fixed Interest Base Interest Rate(%) 0.74
 Loan Amount 10,000.00 USD Term (month) 72
 Purpose of Loan Purchasing Estate Applied Interest Rate (%) 0.74
 Total Capital 10,000.00 USD Total Interest Amount 2,932.27 USD
 Total Repayment Amount 12,932.27 USD Monthly Installment Amount 179.66 USD
 Loan to Value (LTV) (%) 3 / A Collateral Score 8,720 / 1
 Maximum Installment Income Ratio(Loan Score DTI) (%) 48 / A TDTI for Scores (%) 0.00 / A
 Total Debt Income Ratio (TDTI) (%) 3.59 Borrower's Monthly Income 5,000.00 USD
 Monthly Expenditures 0.00 USD Total Savings Amount 0.00 USD
 Monthly Average Savings Amount 5,000.00 USD Saving Amount After Installment Payment 4,820.34 USD

Borrower Details

National ID 1494596886 Applicant Name and Last Name ZÜLFER ÖZTÜRK
 Birth Date 29.10.1979 CRS Score 1,408
 CRS Score Type G2 CRS LOS Level A
 Application Score 345 / Z Behavioral Score 9 / 5
 Working Company Banker
 Sector Advertising Title Analyst
 Working Period in Last Workplace 0 year 0 month Total Working Period 0 year 0 month
 Marital Status Ev6 Educational Background Graduate
 Number of Children 0 Residence Type Owner

Financial Details

Income 5,000 USD Company capital USD
 Activity Start Date Share Portion (%) USD
 Employee Count Endorsement USD
 Tax Office Tax Base USD
 Tax Identification Number Trade Registry Number
 Chamber Membership Number Workplace Ownership

Asset Details

Illiquid Assets	Province	District	Market Value USD
Moveable	Vehicle brand	Vehicle Model	Market Value USD
Bond	Institution	Value	USD
Securities	Institution	Value	USD

Collateral Information could not be found for the application.
 Guarantor Information could not be found for the application.

Collateral Details

Sales Value 100,000 USD Illiquid Asset Degree 8,720 / 1
 Earthquake Risk Score (%) 0.00 Construction Date 01.03.2000
 Type of Building Residence Type of Construction Iron Concrete
 Condition of Deed Condominium Appraiser whoProcessor
 Appraisal Date 10/15/2009 Market Value 300,000.00 USD
 Address Beneficiary of Lien
 Is lien on the illiquid asset which will be purchased? Evet
 Lien Amount 0.00 USD
 Seller Name and Last Name asd

Inquiries - Earthquake Risk

Latitude (Y coordinate) 41.29250 (Example:41.59250)
 Longitude (X coordinate) 27.94750 (Example:27.94750)
 Structure of Building Prefabricated Gypsum Board
 Construction Year <=1975
 Count of Floors 4-7

Submit

Query Result

Earthquake Risk Score (%)	2.00
Closest Latitude (Y)	41.2925
Closest Longitude (X)	27.9475

Generic and Flexible Product Definition Framework

Products are defined through the combination of sub packages. The end users can define/change any packages below and can build up their products by combining these packages.

- **Document Package** – Defines the document requirements which are to be satisfied by the applicant.
- **Pricing Package** – Defines the pricing requirements such as installment and interest rate limits and interest rate type.
- **Credit Package** – Defines the credit parameters, such as currency, min/max credit amount, cash out options, qualification/median rates, LTV limits, DTI limits.
- **Expense Package** – Defines the expenses to be applied for the product. The expense amounts are defined dependent on the credit amount and the min/max limits.
- **Customer Package** – Defines the min/max score limits, income limits of an eligible customer. Furthermore the customer's personal data such as occupation, sector etc. can be defined to offer special products to a special customer segment.
- **Payment Plan Package** – Defines the calculation algorithm of the payment plan, negative amortization rules, teaser rates, buy down options etc.
- **Collateral Package** – Defines the requirements of the collateral, such as score limits, collateral type, location, guarantor requirements, insurance requirements etc.

Scoring

Flexible scoring algorithms are implemented with the use of Excel Services, allowing the user to perform segmentation and categorization of the application according to the score outputs. The following scores are obtained automatically through the system:

- **Collateral Score** – Depending on the earthquake risk of the collateral and appraisal data.
- **Application Score** – Implemented on Experian score sheet.
- **Behavioral Score** – Scoring based on the applicants's repayment habits.
- **Loan Score** – Scoring based on combination of values/ranges of Loan to Value (LTV), Debt to Income (DTI), collateral and application scores.
- **Credit Registration Bureau Score** – Scoring based on the intelligence output of Credit Registration Bureau data.

Wide range of Interest Rate and Payment Plan Options and Flexible Pricing

The system enables the user to define products having the following interest rate types and payment plans.

- **Payment plan options**
 - o Increasing/Decreasing Installments
 - o Increasing/Decreasing Interest Rate
 - o Flexible Payment Plan (Regular/Irregular repayments)
 - o Teaser Rates/Buy Down Options
 - o Reset Option
 - o Equal Principle
 - o Decreasing Balance
- **Interest rate options**
 - o Fixed Interest Rate
 - o Variable Interest Rate
 - o Fixed and Variable Interest Rate
 - o Increasing/Decreasing Rate
 - o HELOC

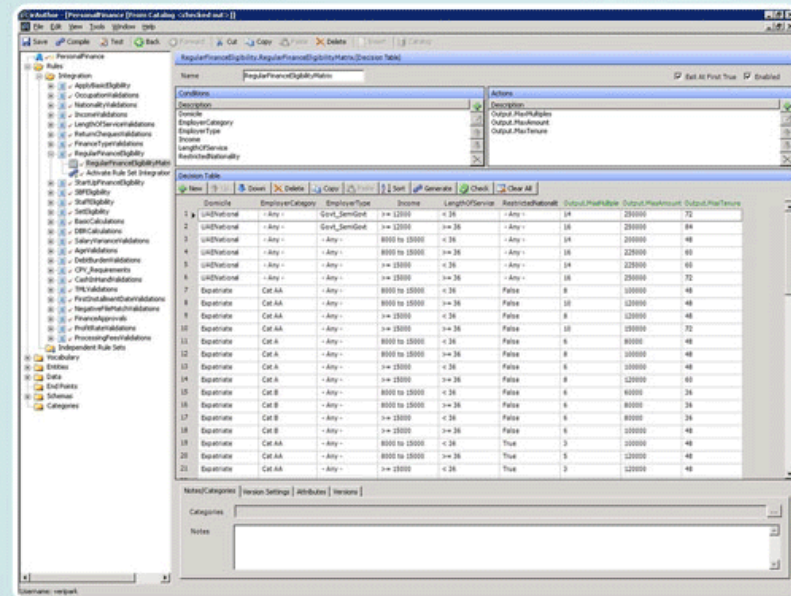
Product Detail		Documents	Fees	Payment Plan			
Vade	Instalment (USD)	Principal (USD)	Interest (USD)	Remaining Debt(USD)	Payment Date	RUSF	BITT
1	615,09	602,96	12,13	24.397,04	14.01.2010	0,00	0,00
2	615,09	436,99	178,10	23.960,05	14.02.2010	0,00	0,00
3	615,09	440,18	174,91	23.519,87	14.03.2010	0,00	0,00
4	615,09	443,39	171,70	23.076,48	14.04.2010	0,00	0,00
5	615,09	446,63	168,46	22.629,85	14.05.2010	0,00	0,00
6	615,09	449,89	165,20	22.179,96	14.06.2010	0,00	0,00
7	615,09	453,18	161,91	21.726,78	14.07.2010	0,00	0,00
8	615,09	456,48	158,61	21.270,30	14.08.2010	0,00	0,00
9	615,09	459,87	155,37	20.810,48	14.09.2010	0,00	0,00

Rule Engine Based Eligibility

Each product can have different eligibility criteria. These rules are enforced at early stages of an application in the eligibility calculators.

Age restrictions, restricted occupations, debt burden and ratio limits are defined as rules.

Rule engine checks and validations are implemented via BizTalk Rule Engine and Excel Services. Flexible rules are implemented on Excel Services to provide end users the possibility to immediately change existing rules and add new ones as necessary.



Eligibility and Product Offer

A customer eligibility for a certain product is evaluated by the rule engine. Eligibility criterions are dependent on the customer's application and intelligence data provided by workflows and the use of parameters such as income, debt, credit amount, and offers customers a set of eligible products from which to select.

Product Detail		Documents	Fees	Payment Plan	
Product Name	Changir				
Interest Rate	%0,73				
Requested Term	48 Month				
Requested Loan Amount	25.000 USD				
Offering Term	48 Month				
Offering Loan Amount	25.000 USD				
Offer Validation Duration	10 Day				
Buydown Exist	Not Exist				

“VeriLoan gathers proven technology, processes and people under the framework of a holistic solution resulting in reduced costs, a single 360° customer view and defragmented channels.”

Adaptive Expense and Document Requirement

Expenses and document requirements of a selected product are dependent on both the product definition (packages) and the application data. The system automatically determines the expenses and required documents by evaluating rules on the application data, expense, and document packages. These rules can be changed by the end user on an ad hoc basis.

- **Document Libraries:** All application documents are stored in SharePoint 2007 customized document libraries with the workflow data.
- **Online Document Templates and Document Regeneration:** The system allows the user to prepare various documents such as hardcopy application forms and legal letters. The functionality is built with Word 2007 templates and open xml format.
- **Financial Calculators:** These are implemented through Excel Services and provides the sales representatives and end users to calculate loan installments/rates through simple interfaces.

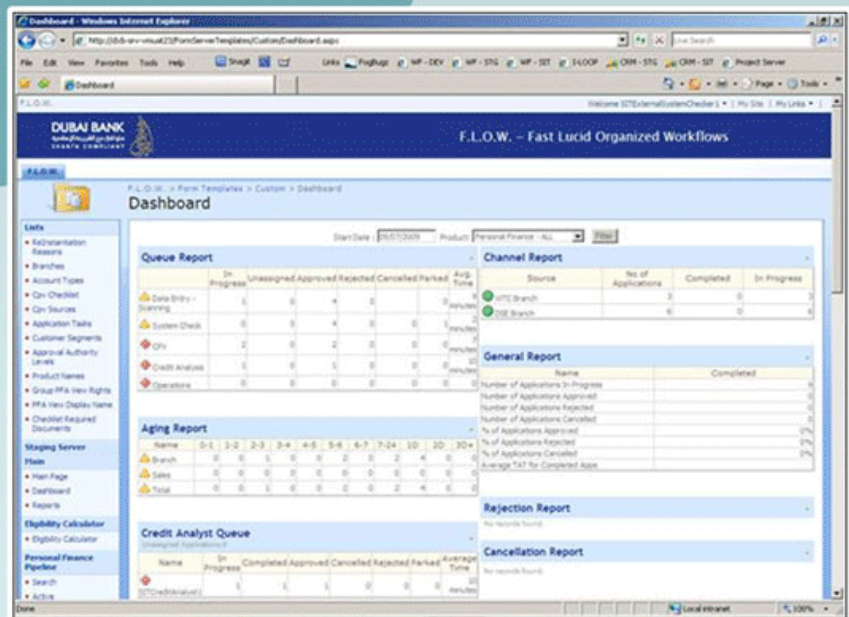
Offered Loan Conditions		Loan Conditions After Customization	
Loan Amount	25.000 USD	Loan Amount	25.000 USD
Term	48 Installment	Term	48 Installment
Installment Amount	615 USD	Installment Amount	615 USD
Interest Rate	%0,73	Interest Rate	%0,73

Criteria	Fixed	Value	Minimum	Maximum
Loan Amount	<input checked="" type="radio"/>	25000	10.000	75.000
Term	<input type="radio"/>	48	1	360
Installment Amount	<input type="radio"/>	620	0	1.500

Islamic Finance Support

VeriLoan supports Islamic Finance processes for Murabaha and Ijarah based products. Tawarruq and non-Tawarruq based products can also be easily implemented on VeriLoan. Various profit rate and charge models can be applied to numerous products.

Technical Infrastructure: Microsoft BizTalk 2006, Microsoft Windows Server 2005/2008, Microsoft Office SharePoint System 2007 (MOSS), Microsoft SQL Server 2005/2008.



About VeriPark

VeriPark is a software house established in 1998, specializing in providing software solutions to enterprise customers. VeriPark's Istanbul headquarters are located in one of the most prestigious technology clusters on the Istanbul Technical University campus, and the company also has offices in Izmir, Turkey and Dubai, UAE, employing a team of over one hundred...

VeriPark is the leader in online financial services in Turkey, with more than 20 internet banking and alternative channel banking solutions in national and multinational banks, including Turkey's largest bank with over 1,300 branches. In addition, VeriPark delivers solutions to the MEA Region, including Dubai Bank, Central Bank of Jordan, Lebanon & Gulf Bank and Dubai Islamic Bank...

Other Solution Offerings for Finance

VeriTouch | CRM for Finance on Dynamics CRM

VeriTouch is an operational CRM solution for financial institutions. It provides customer interaction history, single customer view, activity management, complaint management, campaign management and call center automation in one application. VeriTouch allows you to enjoy the following benefits:



- Strategic Customer Knowledge and Insight with "Single View of Customer" and "Interaction History"
- Optimum efficiency with Microsoft Customer Care Framework and Interactive Voice Response/Computer Telephony Integration Systems
- Reduced cost of customer care with optimized customer-care assets
- Consolidated and Standardized Care Processes and Infrastructure

VeriBranch | Multi Channel Delivery Solution

VeriBranch is a multi channel delivery application designed for banks. It allows banks to offer products and services across all delivery channels in one integrated application and in a consistent manner. VeriBranch is integrated with Microsoft Dynamics CRM and allows you to have a platform for online selling and internet lead capture. VeriBranch offers an advanced back office for monitoring transactions across channels. All back office functions operate in a maker/checker function and generate audit logs. VeriBranch can be customized to fit to the size of the organization and it can be sometimes used to offload branch traffic or to acquire new customers.

- Internet Banking, Mobile Banking, Kiosk, Branch Teller Screens, ATM, Call Center, IVR
- Retail Banking (Money Transfers, Account Management, Bill Payments)
- Corporate Banking (Cash management, Letter of Credit, Limit Management, Approvals)
- Investment Banking
- Proactive Campaign Management (Branch, Sales Team, Mobile, Internet, Kiosk, ATM, etc.)

